March 2013

Campus Solutions 9.0
Additional Features April 2013 Pre-Release Notes

Purpose Statement

This document provides an overview of features and enhancements included in Campus Solutions Additional Features April 2013. It is intended solely to help you assess the business benefits of deploying the features contained in Additional Features April 2013 and to plan your I.T. projects.

Disclaimer

This document is for informational purposes only and is intended solely to assist you in planning for the implementation and upgrade of the product features described. It is not a commitment to deliver any material, code, or functionality, and should not be relied upon in making purchasing decisions. The development, release, and timing of any features or functionality described in this document remains at the sole discretion of Oracle.

Due to the nature of the product architecture, it may not be possible to safely include all features described in this document without risking significant destabilization of the code.

Executive Summary

This document provides an overview of the new and enhanced features planned for delivery in Campus Solutions Additional Features April 2013. It is a preview intended to keep you updated and help you understand new features, to assess their applicability to your institution, and to help you plan your IT projects and investments. The planned features previewed in this document are:

- Campus Self Service Mobile
- Student Financials
  - Restricting Payments and Tuition Calculation Waiver Enhancement
- Student Records
  - Program Enrollment Updates
  - Activity Management Updates
  - Research Enrollment Tracking Updates
  - Student Academic Projects
  - Evaluation Management (EMS): The Evaluation Center
- Campus Community
  - Delegated Access Framework Updates
  - New User Registration Framework Updates
  - Campus Solutions-HCM Instance Separation-Integration Integrity Utility
- Targeted Regulatory Updates April 2013

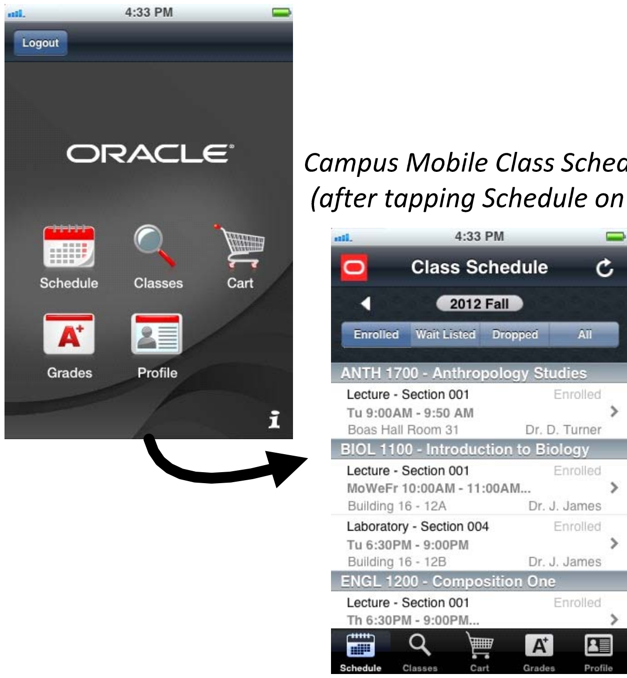
With every Additional Feature bundle, our goal is to help your organization leverage technology to its fullest and increase the efficiency and effectiveness of your operations. We strive to provide innovative and extensible functionality that will reduce the need for customization and maximize the return on your investment in Oracle Campus Solutions. One of the benefits of our Continuous Delivery Model is that it allows Oracle PeopleSoft Campus Solutions to deploy new functionality incrementally rather than delivering large units of new development at any one time. Additional resources are planned to help your organization determine the impacts of implementing these new capabilities. We encourage you to visit *My Oracle Support* frequently to keep apprised of resources as they become available. While every attempt is made to accurately describe our intentions, the delivered additional features may not have every feature or capability mentioned in this document, and a specific feature may become part of a different application or have a different product name than those cited in this document.

Campus Self Service Mobile

Many aspects of collegiate life are managed by students with the use of mobile phone applications. Most of our students expect mobile access to the library; emergency contact numbers, staff contact details and campus maps, along with class-related information and transactions. With the introduction of Campus Self Service Mobile in Additional Features April 2013, we are not simply redelivering the Campus Solutions experience on a mobile phone device; we are attempting to redefine how users interact with Campus Solutions by redesigning business process, making the system a more active participant in the experience and taking advantage of the multiple user interaction gateways that mobile devices offer.

Campus Self Service Mobile in Additional Features April 2013 is targeted to allow a student to conduct key student records processes in a native, secure, Smartphone application. The planned features for this release will allow students to:

- View their class schedule meeting patterns, instructors and locations
- View the building locations in their schedule on a map and view a route from their location to a building on the map (taking advantage of another planned April Additional Feature: latitude and longitude fields in the Building Table)
- Receive notifications on important transactions such as when final grades are posted
- View final grades
- Search the schedule of classes with title keyword search and filtering options
- Conduct enrollment: add and drop classes, with enrollment options
- Manage the enrollment shopping cart(add and remove classes) and enroll all classes from the shopping cart



Campus Mobile springboard

Campus Mobile Class Schedule (after tapping Schedule on springboard)

The Campus Self Service Mobile application will be built with Oracle's Application Development Framework (ADF) Mobile framework which enables deployment to both iOS and Android native application types. The ADF Mobile framework allows a campus to easily extend the Campus Self Service Mobile application to include mobile websites and other content.

In addition to the functional features targeted for Campus Self Service Mobile, we also anticipate providing a solid technical foundation for mobile that is easy to manage and is easily extendable. Planned features that support the technical foundation include:

- Optimization of delivered web services through support for RESTful web services and entity profiling. In Additional Features July and October 2011 we delivered the SOAP based Enrollment Web Services: Course Catalog Web Service, Class Search Web Service, Shopping Cart Web Service and Enrollment Web Service. Taking advantage of PeopleTools 8.52 (the minimum requirement) functionality we are able to deliver RESTful versions of the Enrollment Web Services. RESTful web services require lower overhead than SOAP based services, thus lowering the bandwidth requirement for delivering data to a mobile device. Further, in April 2013 Additional Features we anticipate releasing an Entity Profiling feature for the Campus Solutions Entity Registry. The ability to create profiles of entities means that we can deliver a mobile profile that will limit the amount of data delivered in the Enrollment

Web Services payload to the subset of data that Campus Self Service Mobile needs. Thus again lowering the bandwidth requirement for delivering data to a mobile device.

- Utilization of the Campus Solutions Notification Framework. The Notifications Framework provides a consistent, extensible communication mechanism that supports a broad set of interactions between the Campus Solutions system and users and also between users themselves. The first iteration of the framework was released to support triggered email for Delegated Access in October 2012 (Campus Solutions 9.0 Bundle 27). For Campus Solutions Additional Features April 2013 the framework has been significantly enhanced to extend the email channel and is targeted to include channels for:
    - Email
    - SMS
    - Alert (informational message that appears on a portal homepage)
    - Worklist Item (an actionable hyperlink that appears on a portal homepage)

The Notifications Framework architecture makes use of the Campus Solutions Entity Registry to generalize all notifications into a single structure and is modeled on a pluggable Channel based approach. Each notification type is supported by a dedicated channel that supports the requirements of the particular notification type. For Campus Self Service Mobile, this framework allows us to send notifications via SMS (using a 3rd party SMS delivery service) or email. With Campus Self Service Mobile, we plan to deliver one notification to take advantage of the notification framework: final grade posted. This notification will be particularly valuable at the end of a term when students are anticipating their final grades. The notification will be triggered when a grade is posted to the student's record and (depending on the student's preference and the system configuration) the student will be notified that their grade is available.

Expected Benefits: Campus Self Service Mobile

Students expect to have immediate, personalized and simplified access to the data they need when they need it. The planned Campus Self Service Mobile application will provide this access via students' personal devices. We anticipate that the student experience will improve with personalized notifications and ready access to their grades, schedule and registration processes. Further, the ADF Mobile native framework upon which Campus Self Service Mobile is built will allow a campus to readily brand, customize and extend the Smartphone application to provide further value to students. Additional expected benefits also include:

- Utilization of Campus Solutions instance as the platform reduces implementation costs.
    - Campus Self Service Mobile will take advantage of the business logic exposed by the Enrollment Web Services and access data in the Campus Solutions PeopleSoft instance. Data will not need to be stored locally or manipulated locally in the Campus Self Service Mobile application nor will data need to be presented via a separate web server or middleware. This architecture leverages your investment already made in your Campus

    Solutions environment; lowering implementation and maintenance costs for Campus Self Service Mobile.

  - Campus Self Service Mobile will take advantage of user identity, credentials and authorizations already provided in Campus Solutions. There will not be a need to create mobile specific users or manage the authentication and authorization within the Campus Self Service Mobile application.

- Extendable design simplifies adding new features.
  - The ADF Mobile framework provides the ability to easily extend the Campus Self Service Mobile application with institution specific features. For instance, with just a few clicks an institution can add a new feature in the Campus Self Service Mobile application that presents data from a mobile web enabled campus website. With training in the ADF Mobile framework a campus could even build new features to access other campus systems from with the Campus Self Service Mobile application. With the planned security model for Campus Self Service Mobile, the application could be extended in the future to provide instructor, staff, parent or other constituent services.
- A flexible framework which allows easy deployment to different application types.
  - The ADF Mobile framework toolset allows for the deployment of Campus Self Service Mobile to either Android or iOS application types from one single code base.
  - The ADF Mobile framework allows for using REST or SOAP web services to deliver data to the phone as well as the ability to present remote or local html and even take advantage of a local database should an institution decide to store data locally on the device.

Beyond Additional Features April 2013: Campus Self Service Mobile

While Campus Self Service Mobile is not intended to provide the full functionality that the Campus Solutions Self-Service user interface provides, it is intended to provide access to many common transactions and to those most likely to be used by students in a mobile context. By taking advantage of the Continuous Delivery model and our continued engagement with our customers, we anticipate expanding our mobile offerings in future additional feature bundles. Potential additional scope may include:

- Financial Aid award information
- Student financial accounts access
- Student checklists
- Actions on notifications (waitlist, open seats, checklists, service indicators)
- Faculty contact details
- Student academic history & progress
- Student course/class schedule planning

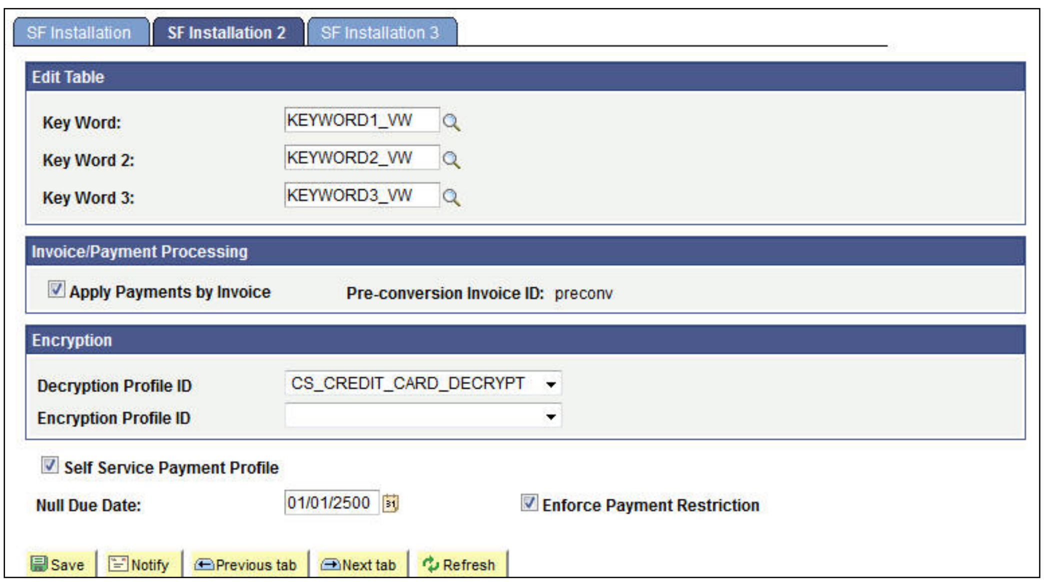
Student Financials

Restricting Payments and Tuition Calculation Waiver Enhancements

One of the top enhancement requests from our expanding global customer base using Student Financials is in the area of Tuition Calculation Waivers. Use of this functionality continues to expand, with different models of usage found in different countries. In Additional Features October 2012, we delivered new functionality that enhanced Tuition Calculation Waiver processing that provides the option for applying the waiver on tuition "gross amount" or the "net amount" and to allow for prioritizing multiple waivers, prorating dropped units and overriding a waiver at the student assignment level. In Additional Features April 2013, Campus Solutions is planning to deliver new functionality to enhance the Posting Select Charges to Pay and Tuition Calculation Waiver processing to provide the ability to restrict the payment or waiver.

Student Financials Installation

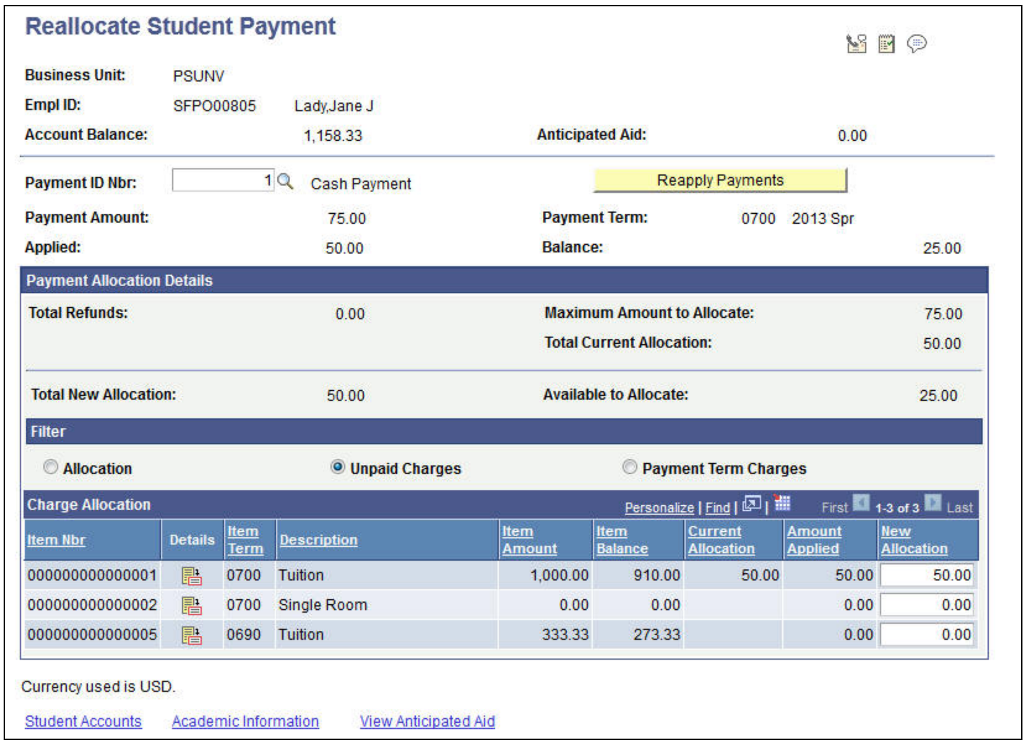
The planned functionality will require a new flag on SF Installation to indicate payments which will be restricted when using Select Charges to Pay and Tuition Calculation Waivers.



Reallocate Restricted Payment (Student and Corporate Posting)

In order to provide functionality to reallocate a restricted payment, the Reallocate Restricted Payment Component is planned as part of Restricting Payments Enhancements.

Note: Oracle recommends that customers using Corporate Third Party Contract payments, that are to be restricted to a contract/contract Emplid, should continue using the current functionality in the Third Party Information component. As shown below, the new Student and Corporate components will allow the administrative user to reallocate the restricted unapplied credit balance to other specified charges.



Reallocate Student Payment

Business Unit: PSUNV

Empl ID: SFPO00805 Lady,Jane J

Account Balance: 1,158.33 Anticipated Aid: 0.00

Payment ID Nbr: 1 Cash Payment Reapply Payments

Payment Amount: 75.00 Payment Term: 0700 2013 Spr

Applied: 50.00 Balance: 25.00

Payment Allocation Details

Total Refunds: 0.00 Maximum Amount to Allocate: 75.00

Total Current Allocation: 50.00

Total New Allocation: 50.00 Available to Allocate: 25.00

Filter

Allocation Unpaid Charges Payment Term Charges

Charge Allocation Personalize | Find | First 1-3 of 3 Last

Item Nbr	Details	Item Term	Description	Item Amount	Item Balance	Current Allocation	Amount Applied	New Allocation
000000000000001		0700	Tuition	1,000.00	910.00	50.00	50.00	50.00
000000000000002		0700	Single Room	0.00	0.00		0.00	0.00
000000000000005		0690	Tuition	333.33	273.33		0.00	0.00

Currency used is USD.

Student Accounts Academic Information View Anticipated Aid

Expected Benefits: Restricting Payments and Tuition Calculation Waiver Enhancement

Planned enhancements to Tuition Calculation Waivers are focused on increasing usability and accuracy. Benefits that our customers should anticipate include:

- Increase in functionality in targeting and restricting payments and waivers.
- Flexibility afforded to the administrative user by the ability to reallocate the restricted payment.
- Updates to the Payment Applier to adhere to the payment restrictions.
- Easy identification of the restricted payment and waiver on the account inquiry pages.

Beyond Additional Features April 2013: Planned Additions to Tuition Calc Waiver Enhancements

As noted in the *PeopleSoft Campus Solutions 9.0 Statement of Direction 2012-2013,* we are planning for additional functionality within the Tuition Calc Waiver process in coming bundles.

In responding to the global business requirement that revenue recognition is done monthly and after service is rendered, we are planning to allow for waivers to apply proportionally across the installments created through tuition calculation. In order to respond to the global market's business needs in providing flexibility for the begin date of a waiver; we are planning to allow the Student Assignment Waiver component to provide for the beginning time frame for the waiver to apply proportionally.

Student Records

Program Enrollment Updates

Program Enrollment describes an educational model where a student must generally complete a strictly defined set of courses towards the completion of their academic objective in a specified sequence; each of which are often structured in a series of levels or stages, where one stage must be successfully completed before a student can progress and enroll in the next set of courses. Program Enrollment provides a flexible structure that can enable institutions to apply this framework to various program requirements to organize curricula and control enrollment. We introduced our initial offerings in Additional Features July 2011 in which we concentrated on delivering the core setup that would support Program Enrollment functionality in later releases. In Additional Features January 2012 we introduced student data structures to support this flexible enrollment model: the Academic Progress Tracker (APT). In July 2012, we introduced several enhancements that provided greater usability and extensibility to Program Enrollment including the ability to create Academic Item Registry (AIR) Course items directly from your Course Catalog and the adoption of the Common Attribute Framework in the AIR. In October 2012 we delivered important updates to support the management of the Academic Progress Tracker feature including:

- The ability to define an individual student 'term map' which allows for adjustments for individual students, e.g. if student stops out for a year.
- Enabled the Common Attribute Framework in the Academic Progress Tracker to provide attributes that can be assigned at the APT Instance.
- An API that manages the creation and updating of APT data from sources outside of the APT component.

In Additional Features April 2013, we plan to introduce two major features for Program Enrollment; student access to program enrollment transactions and the ability to create and apply rules to students in program curricula using the new Rules Engine.

Program Enrollment Student Self Service

Program Enrollment "Landing Page"

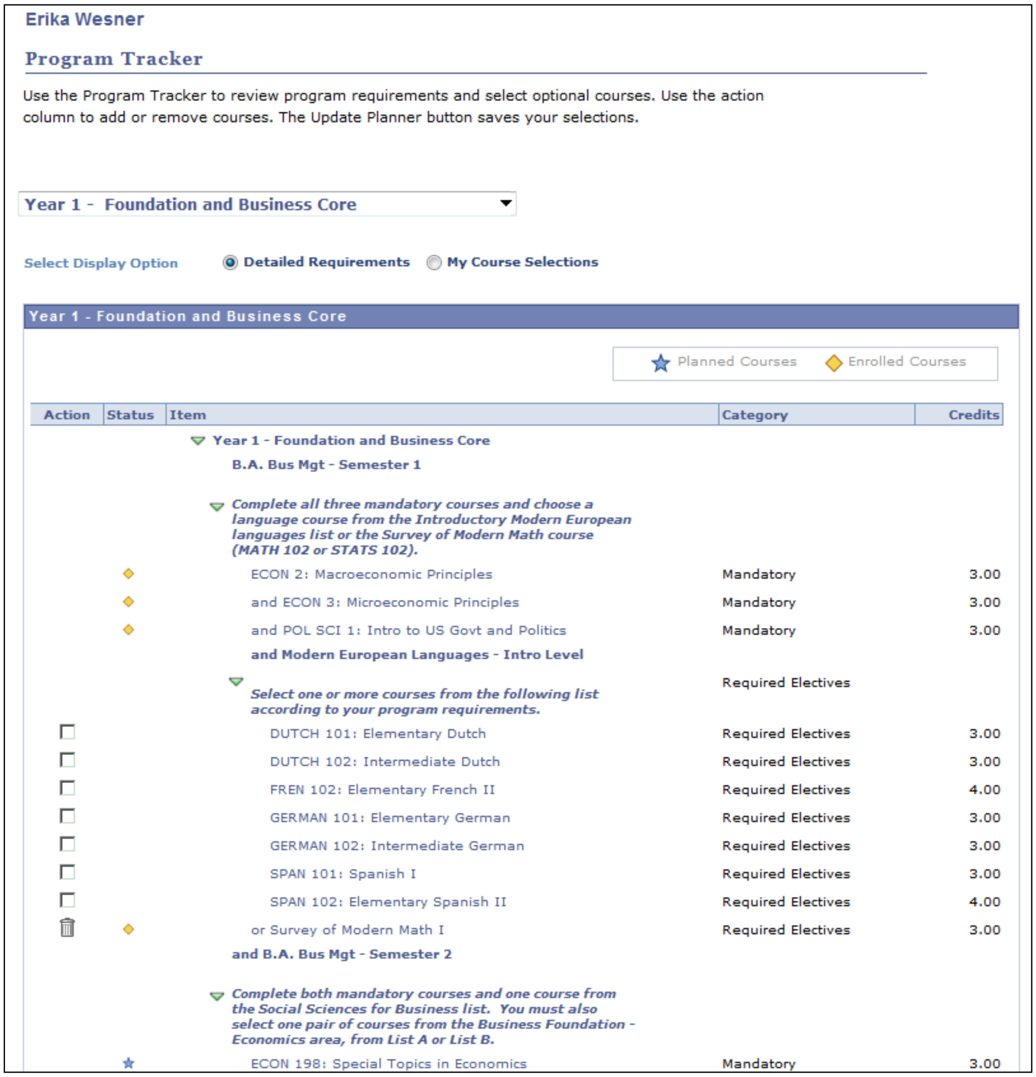
A number of "pagelets" are targeted to provide an overview of APT data as well as student schedule data. Students will be able to use these pagelets as an entry point for enrollment and planning.

Linkage to Course Detail and Activity Management Data

Provides the ability to drill down to view course detail information and to related Activity Management data including class assignments, examinations, projects and other class content that will be assessed.

Self-Service View of APT

Students will be able to use this page for planning purposes and enrollment by adding/removing course items from their APT.

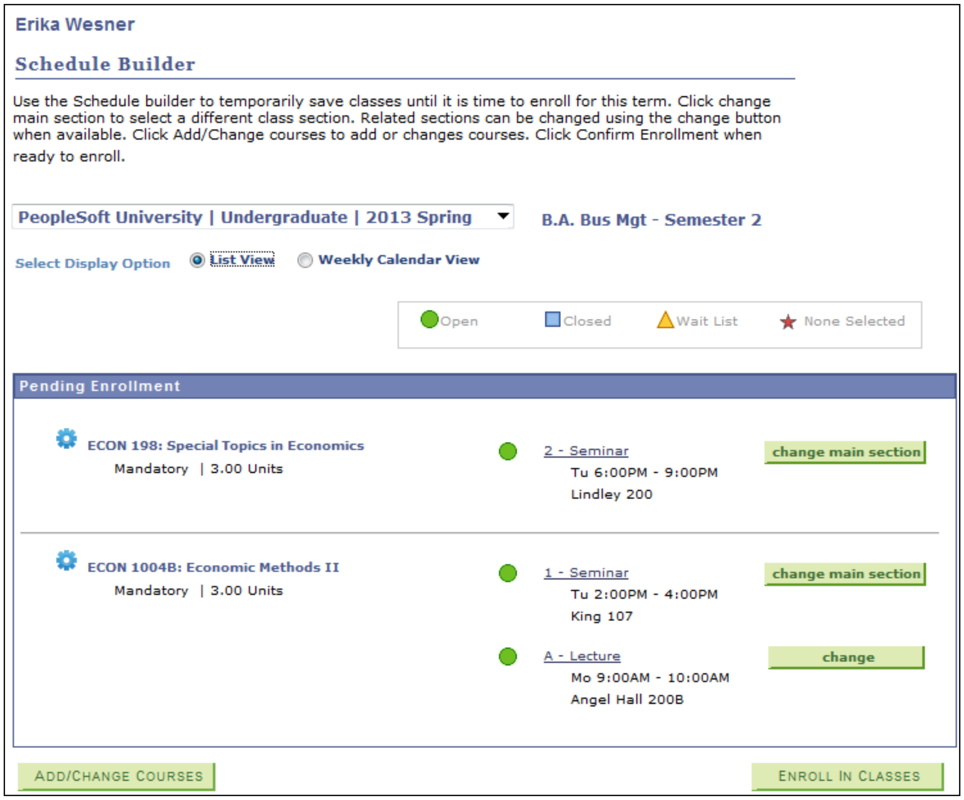


Enrollment

Planned self-service pages will allow students to enroll in classes based on the courses prescribed in their APT instance. New "controlled" course/class search functionality enables a student to search and view only those classes that are prescribed by their assigned curriculum.

Schedule Builder

Student self-service enrollment will be based on a new 'Schedule Builder' feature. This new UI (built on top of the existing enrollment shopping cart data structure) will allow students to enroll in sections of the courses to which they have been assigned or have selected for a particular term and initiate the controlled class searches described above.



Other planned Additional Features April 2013 for Program Enrollment include:

Academic Progress Tracker (APT) Request

Many curricula offer students options for completing requirements including the ability to select from course lists or course groups. An important function provided by the APT is to allow a user to plan in advance how certain requirements that have built- in selectivity will be satisfied. Users will be able to activate a Planning “node” upon creation rather than running a separate request. The option to activate separately was introduced in an earlier bundle and is still available.

Academic Progress Tracker (APT) Enrollment

A new Run Control and Process (utilizing Population Selection) is planned to allow institutions to batch enroll students in required courses, rather than requiring those students to self-enroll using self-service. Alternatively, the process can also save class sections to a student’s Schedule

Builder (equivalent to the core shopping cart feature), if the institution requires the student to self-enroll into required courses.

Enrollment from the Academic Progress tracker will leverage a planned enrollment synchronization process to link together APT course entries and class rows in STDNT_ENRL. The new process allows the APT API to update the APT instance whenever a student is enrolled in a class or classes.

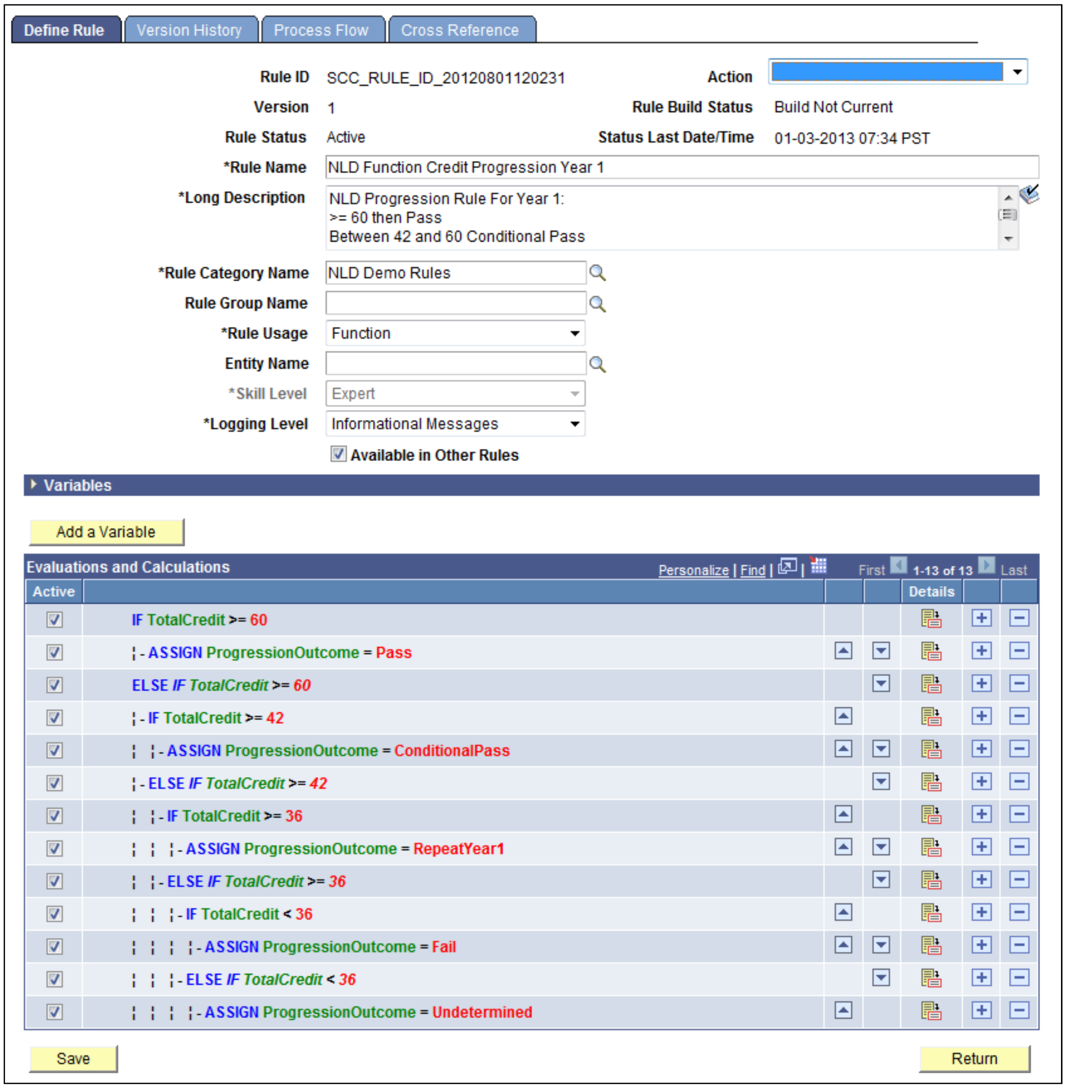
The Rules Engine

Program Enrollment enables you to create flexible structures that allow you to organize program curricula and apply those curricula to students. Activity Management allows you to create granular course grading structures and administer results for assessments and examinations. Both of these features require the ability to create a variety of business rules for evaluation and calculation that need to be applied to their structures to support student tracking, progress, and policy enforcement. Typically, rules are unique to their institution, are complex in nature and may be subject to frequent change. Examples of such rules are; calculation of student grades for assessments and examinations, control of curriculum planning or enrollment, progression evaluation based on credits, GPA and grades, and determining probationary, awards and honors classifications. These business rules need to be highly configurable, easily expressed by functional experts and easy to define and implement across Campus Solutions

This initial installment of the Rules Engine is focused on delivering a robust framework that will allow you to build rules in the Rules Engine Manager using planned delivered entities in the Entity Registry. For example, using the planned entities for Program Enrollment's Academic Item Registry and the Academic Progress Tracker you will be able to construct relevant rules using the Rules Engine compiler and subsequently run these rules through the Rules Engine Tester. We expect specific functional application adoption of the Rules Engine to follow in subsequent Additional Feature bundles including enabling rule execution directly from components or pages. The Rules Engine feature requires PeopleTools 8.53.

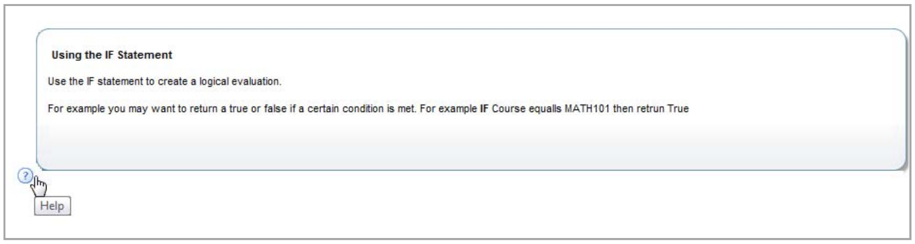
Planned Rules Engine Features

The Rules Engine Manager offers a user interface which allows Functional Experts to create their institution business rules. For April 2013, the Rules Engine Manager will support two rules building skill levels; Expert and Developer. Using skill level Expert, Functional Expert users are able to build comprehensive business rules in a logical way using predefined statements and delivered functions. The example below illustrates a rule is defined to evaluate the required number of credits in order to determine whether students in a program can progress to the next year that curriculum.



As you can see, statements are shown as distinct lines in the Evaluations and Calculations grid and are designed to assign a Progression Outcome based on a certain number of total credits. The Rules Engine includes embedded usability features that have been designed specifically to assist the user during rules construction. These are planned to include:

- Hover-over help text at critical steps provides the Functional Expert with contextual help when building their rules. The following is an example of contextual help.



- Easy to read auto-generated, color coded text of all statements. Generated text can be overriden to provide more relevant information.
- Rules built in the Rules Engine Manager can be immediately tested, once validated by the system, in the Rules Engine Manager Test page.
- An extensive set of *Statements* is planned which will facilitate rules creation for Functional Experts. A Rules Engine Statement is predefined logic which helps the user perform specific processing actions within rules; for example, assigning values to variables or creating an evaluative *IF* Statement. Statements can be combined to create a comprehensive set of rules.
- An extensive set of delivered system functions which will facilitate construction of institutional rules including:
  - Math calculations: offering the ability to add, subtract and perform other calculations. An example of a planned pre-delivered math function is an *Average*.
  - Date and Time functions: offering the ability to subtract days and to determine the current day.
  - Text functions: offering the ability to create uppercase or lowercase text and to concatenate text.

Most customers will utilize these planned predelivered functions when building their own rules However, in order to meet specific institution requirements, you may complement the planned delivered functions by building your own. This can be accomplished by a developer or programmer using the skill level *Developer*. These locally constructed functions can then be deployed for use by Functional Expert users when they build their business rules.

An important technical characteristic of the Rules Engine is its ability to leverage the Entity Registry. The Entity Registry offers users a logical organization of data by representing functional data tables as hierarchical structures. This assists the Functional Expert when retrieving data from structures like Program Enrollment's Academic Progress Tracker and when using that data to perform calculations and evaluation.

The outcomes of calculations can be inserted or updated into specific tables (for example the Academic Progress Tracker) using delivered Entity Statements. Use of delivered Entity Statements ensures that inherent business logic and data integrity is enforced.

Expected Benefits: Program Enrollment and the Rules Engine

With each Additional Feature bundle, Program Enrollment's design continues to evolve to provide important fundamental benefits to our customers which include:

- Flexibility – The Academic Item Registry (AIR) provides institutions with a configurable framework that supports both controlled program curricula and flexible program structures.
- Usability – Feature functionality such as Build Program by Format provides institutions with an intuitive way in which to build out their program curricula including the ability to share academic items such as course lists and course groups between programs of study.
- Extensibility – With the introduction of the Common Attribute Framework, we have enhanced the ability to define and store critical institutional specific data items.
- Student Centered - supports the various business processes that center on the management of student program data that provide planning and enrollment capabilities to track student progression through program completion. Program enrollment also provides the ability to build out individualized program structures for students, where the requirements differ from the standard program curriculum.
- The Rules Engine provides customers with a powerful tool that allows them to enforce academic policy and regulations by creating business rules tailored to meeting specific institutional requirements.
- Rules Engine flexible design allows users to construct institutionally specific rules without having to rely on technical programming resources.
- The innovative architecture that the Rules Engine offers makes it reasonably easy for the Functional Expert to build and manage calculation rules. The Entity Registry assists users, familiar with their respective application functionality to effectively utilize functional tables by representing them in a logical hierarchical manner.
- Rules are reusable and can be applied to meet a variety of needs. Rules built by one user can be shared and embedded by others in order to reduce duplication and increase productivity.
- Policy changes frequently require agile response from administrators; the Rules Engine supports managing rules overtime through versioning.

Beyond Additional Features April 2013: Planned Additions to Program Enrollment and the Rules Engine

Our Continuous Delivery model allows us to build upon, update, and extend Program Enrollment over several bundles. It is important to note that Oracle does not expect customers to be able to fully deploy these features planned for AF April 2013. However, by introducing new structures that provide a significant new range of functionality we anticipate that our customers will take the opportunity to evaluate new capabilities, review documentation, and begin their analysis for how they can leverage features, once fully delivered. Upcoming Additional Feature bundles are targeted to include:

- Rules based processing for Progression, Calculating Results and other functions
- Rules Engine Integration with Self Service transactions: When a student takes a particular action in self-service such as adding a course, we plan to provide the ability to invoke a user defined rule the result of which will be returned to the self-service user interface.
- Extension of the Rules Engine Framework to include Rule Execution via batch processing.
- Enrollment enhancements for matching students with particular course sections
- Enhancements to Program Enrollment based student self-service features.
- Overall program curriculum views for Prospects and Applicants
- Advisor access to a student's APT
- Ability for students to make requests for Permissions, Approvals. Exceptions, and curriculum changes to advisors or other appropriate administrators

Activity Management Updates

Activity Management functionality is being delivered over several releases. The Activity Registry structure delivered in Additional Features July 2011 for Activity Management set the foundation to manage marks and exams in Campus Solutions. The registry ties to the course catalog and allows users to define granular course grading structures. The Additional Features January 2012 release carried that structure to the schedule level and allowed administrative users to manage and organize class content. The Additional Features April 2012 refined the earlier releases and introduced support for exam scheduling and exam only courses. With Additional Features July 2012 the Common Attribute Framework was incorporated into the Activity Registry, Exam Only Course support was enhanced and Content Conditions became functional in the Activity Manager. Additional Features October 2012 focused on the record to support student enrollment, the Individual Activity Manager (IAM).

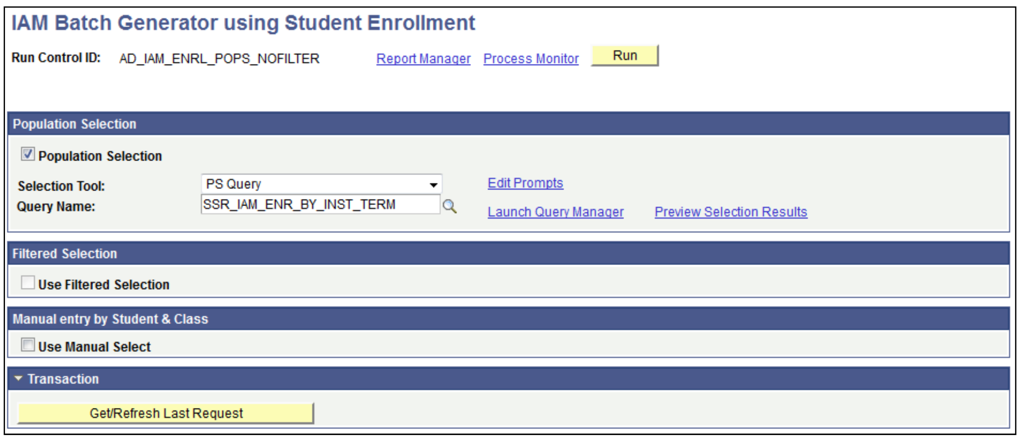
Additional Features April 2013 represents the fifth installment in a series of continuous deliverables for Activity Management and is targeted to add batch creation of student IAMs and introduces Activity Management rosters including a roster summary page which serves as the launch pad for activity result rosters deployed in a flexible and easy to use Activity Management Workcenter.

Creating Individual Activity Managers (IAM) in Batch

An Individual Activity Manager tracks the student's class and exam enrollment and provides the ability to perform various enrollment actions related to course content. For example, students may have the option to select between multiple assessment items or exam sections. These selections can be made in the IAM. Individual Activity Managers can be created for groups of students in batch. Two planned components are delivered to support this creation. The IAM Batch Generator using Student Enrollment creates IAM for students based on their enrollment in classes. The IAM Batch Generator using APT creates IAMs for students taking exam only courses (EOC). Each method provides users multiple mechanisms for generation: population selection, filtered selection, or manual selection.

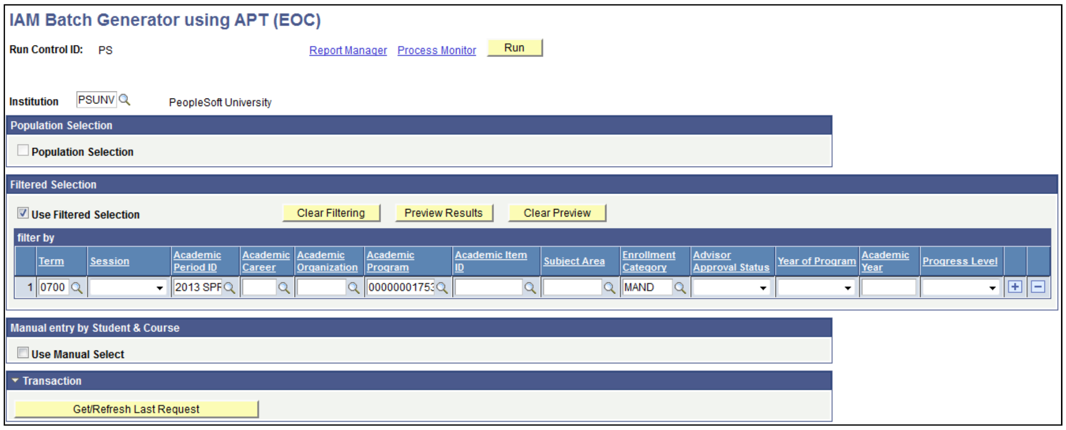
IAM Batch Generator Using Student Enrollment

You can use this planned component to generate IAMs for students based upon their class enrollment. The process identifies the student population and creates and processes the request to create the student IAM.



IAM Batch Generator using APT

This planned component is used to generate IAMs in batch for students to create Exam Only Course (EOC) enrollment. This process is based upon courses that are identified as Exam Only on the student's Academic Progress Tracker (APT). The process identifies the student population and creates and processes the request to create the student IAM.

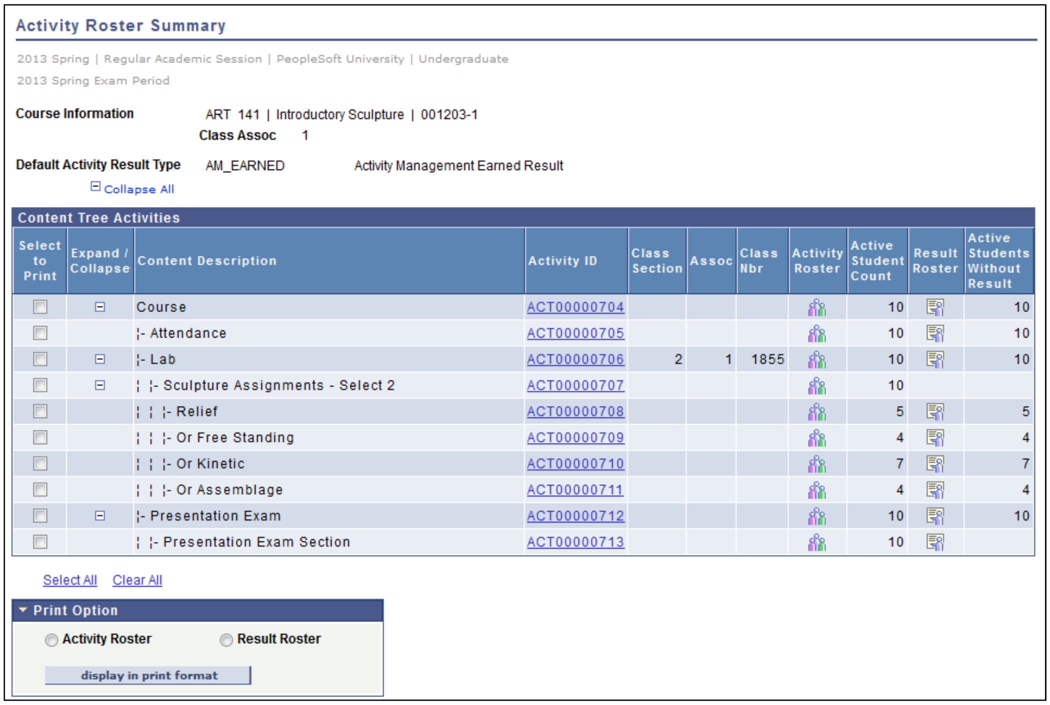


Activity Rosters

Most academic administrators and faculty who manage grades, marks, and class and exams results do so by engaging with roster components which list enrolled students, their course content requirements to be assessed.

The Roster Summary

The roster component is available as soon as the class or exam only course has activity ids generated in the Activity Generator. Rosters for classes are accessed by the term while Exam Only rosters are accessed by an academic period. Access into the component is controlled by Academic Organization security and users must also have access to both the Activity and Result rosters .As shown in the page shot below, the Activity Roster icon  and Activity Result icon  become visible to the user once students are associated to an activity. An activity must also have been identified as Assessed on the detail page of the Activity Manager for the Result icon to display.



Activity Roster Summary

2013 Spring | Regular Academic Session | PeopleSoft University | Undergraduate

2013 Spring Exam Period

Course Information ART 141 | Introductory Sculpture | 001203-1

Class Assoc 1

Default Activity Result Type AM_EARNED Activity Management Earned Result

Collapse All

Content Tree Activities

Select to Print	Expand / Collapse	Content Description	Activity ID	Class Section	Assoc	Class Nbr	Activity Roster	Active Student Count	Result Roster	Active Students Without Result
	⊟	Course	ACT00000704					10		10
		¦- Attendance	ACT00000705					10		10
	⊟	¦- Lab	ACT00000706	2	1	1855		10		10
	⊟	¦ ¦- Sculpture Assignments - Select 2	ACT00000707					10		
		¦ ¦ ¦- Relief	ACT00000708					5		5
		¦ ¦ ¦- Or Free Standing	ACT00000709					4		4
		¦ ¦ ¦- Or Kinetic	ACT00000710					7		7
		¦ ¦ ¦- Or Assemblage	ACT00000711					4		4
	⊟	¦- Presentation Exam	ACT00000712					10		10
		¦ ¦- Presentation Exam Section	ACT00000713					10		

Select All Clear All

Print Option

Activity Roster Result Roster

display in print format

The Activity Roster

The activity roster resembles a class roster but is applicable for every activity of a course. This roster will provide administrative users with academic information applicable to students associated to each activity. The roster allows administrative users to filter the students who have active status in an activity, have dropped a class activity or how are on the wait list for a class or view all students with any association to the activity.

Activity Roster

2013 Spring | Regular Academic Session | PeopleSoft University | Undergraduate

2013 Spring Exam Period

Summary Page   Result Roster

Course Information ACT00000052

Activity Information

Activity ID	Description	Active Student Count
ACT00000061	Presentation Exam Section	12

FILTER BY

filter

Activity Status Active Statuses (12) Inactive Statuses (0)

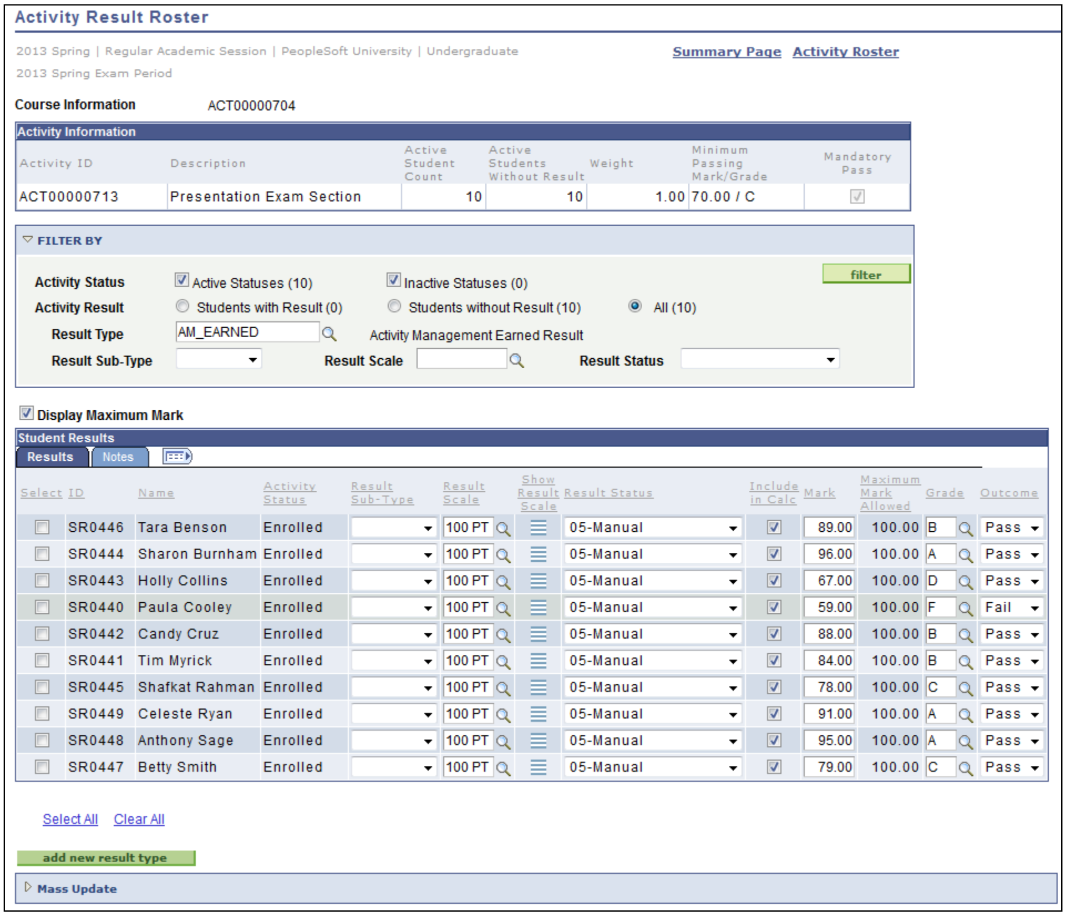
Resit Status Non-Resits (12) Resits (0) All (12)

Student Roster

Select	ID	Name	Activity Status	Result Scale	Program and Plan
	SR0440	Paula Cooley	Enrolled	100 PT	Liberal Arts Undergraduate - Undeclared Undergraduate
	SR0441	Tim Myrick	Enrolled	100 PT	Liberal Arts Undergraduate - Undeclared Undergraduate
	SR0442	Candy Cruz	Enrolled	100 PT	Liberal Arts Undergraduate - Undeclared Undergraduate
	SR0443	Holly Collins	Enrolled	100 PT	Liberal Arts Undergraduate - Undeclared Undergraduate
	SR0444	Sharon Burnham	Enrolled	100 PT	Liberal Arts Undergraduate - Undeclared Undergraduate
	SR0445	Shafkat Rahman	Enrolled	100 PT	Liberal Arts Undergraduate - Undeclared Undergraduate
	SR0446	Tara Benson	Enrolled	100 PT	Liberal Arts Undergraduate - Undeclared Undergraduate/Undeclared Undergraduate
	SR0447	Betty Smith	Enrolled	100 PT	Liberal Arts Undergraduate - Undeclared Undergraduate
	SR0448	Anthony Sage	Enrolled	100 PT	Liberal Arts Undergraduate - Undeclared Undergraduate
	SR0449	Celeste Ryan	Enrolled	100 PT	Liberal Arts Undergraduate - Psychology
	SR13038	Nigel Beaque	Enrolled	100 PT	Liberal Arts Undergraduate - Undeclared Undergraduate
	SR13039	Margaret Livingston	Enrolled	100 PT	Fine Arts Undergraduate - Art (BFA)

The Result Roster

The result roster is similar to the existing grade roster but is applicable to every assessed activity of the course. Within the result roster users will be able to track multiple result types across multiple statuses. The Result Roster can be used to enter or view student results for each activity of a specific course root activity. In the Activity Result Roster below, you can see that a filtering mechanism is provided so that a user can hone in on only those students for which data entry needed. Many of the values shown in roster columns are auto-entered based on defaults.



Activity Result Roster

2013 Spring | Regular Academic Session | PeopleSoft University | Undergraduate — Summary Page — Activity Roster

2013 Spring Exam Period

Course Information ACT00000704

Activity Information

Activity ID	Description	Active Student Count	Active Students Without Result	Weight	Minimum Passing Mark/Grade	Mandatory Pass
ACT00000713	Presentation Exam Section	10	10	1.00	70.00 / C	☑

FILTER BY

Activity Status: ☑ Active Statuses (10) ☑ Inactive Statuses (0) — filter

Activity Result: ○ Students with Result (0) ○ Students without Result (10) ● All (10)

Result Type: AM_EARNED — Activity Management Earned Result

Result Sub-Type — Result Scale — Result Status

☑ Display Maximum Mark

Student Results — Results | Notes

Select	ID	Name	Activity Status	Result Sub-Type	Result Scale	Show Result Scale	Result Status	Include in Calc	Mark	Maximum Mark Allowed	Grade	Outcome
☐	SR0446	Tara Benson	Enrolled		100 PT		05-Manual	☑	89.00	100.00	B	Pass
☐	SR0444	Sharon Burnham	Enrolled		100 PT		05-Manual	☑	96.00	100.00	A	Pass
☐	SR0443	Holly Collins	Enrolled		100 PT		05-Manual	☑	67.00	100.00	D	Pass
☐	SR0440	Paula Cooley	Enrolled		100 PT		05-Manual	☑	59.00	100.00	F	Fail
☐	SR0442	Candy Cruz	Enrolled		100 PT		05-Manual	☑	88.00	100.00	B	Pass
☐	SR0441	Tim Myrick	Enrolled		100 PT		05-Manual	☑	84.00	100.00	B	Pass
☐	SR0445	Shafkat Rahman	Enrolled		100 PT		05-Manual	☑	78.00	100.00	C	Pass
☐	SR0449	Celeste Ryan	Enrolled		100 PT		05-Manual	☑	91.00	100.00	A	Pass
☐	SR0448	Anthony Sage	Enrolled		100 PT		05-Manual	☑	95.00	100.00	A	Pass
☐	SR0447	Betty Smith	Enrolled		100 PT		05-Manual	☑	79.00	100.00	C	Pass

Select All Clear All

add new result type

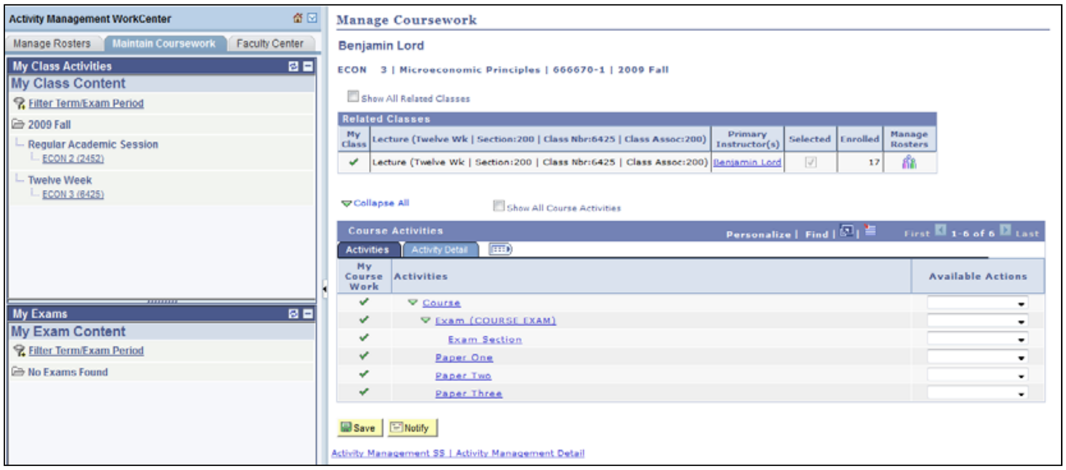
Mass Update

The Extenuating Circumstances Component

This component allows administrative users to define 'reason codes' specific to either an activity or a result or both. The extenuating circumstance value can be assigned in the Result Roster and and can be used to drive further processing. For instance, if a student is sick on the day of the exam this can be recorded against the exam activity and the system will know to defer the student's attempt to a later exam period.

Activity Management Work Center

These self service components are designed for faculty and exam staff users. Users will access their assigned class via a term/session construct or an academic period for an exam only course. Users can manage rosters (both activity and result rosters) as well as manage their coursework. If applicable the user may also access the existing Faculty Center.



Other updates to Activity Management planned for Additional Features April 2013 include:

- Updates to the Activity Definition
  - IAM Entities – sets the foundation for incorporating the Common Attribute Framework into the IAM
- Updates to the Activity Registry
  - Effective Date Logic update – addresses new effective dates for all courses associated to a specific registry.
- Updates to the Activity Generator & Activity Manager
  - Dates/Duration Enhancement – supports differing start dates for the multiple classes associated to a course root.
- Updates to the Individual Activity Manager
  - Common Attribute Framework (CAF) – introduces attributes for activity detail and activity results in the IAM.

Expected Benefits: Activity Management

Activity Management allows you to use extensive feature functions to construct basic course structure and its content and to define the result structure that maps marks, grades and outcomes that are required by various academic areas, programs, and courses applicable to your institution.

The fundamental benefits of Activity Management are its configurability and reusability.

- You can configure course grading structures, apply them to multiple courses and choose how to manage required coursework. Institutions can also configure their individual examination requirements.

- You can reuse the course grading structures and associate them to similar courses throughout your course catalog. Extensive copy features within the Activity Registry can be used to streamline data entry.
- The unique design and easy generation of the Individual Activity Manager reduces administrative effort by providing an administrative view of a student's coursework requirements and the current status of each of those activities.
- Activity Rosters provide administrators, course managers and faculty a single set of linked components that allows easy, security driven access to assessment actions.
- The Activity Management Workcenter collects the all important roster functionality in a single, efficient location which can be configured by users and managers.

Beyond Additional Features April 2013: Planned Additions to Activity Management

- Our Continuous Delivery Model allows us to make improvements to Activity Management on an ongoing basis as we assess our design, usability and receive feedback from customers. It is important to note that Oracle does not expect customers to be able to fully deploy these features planned for AF April 2013. However, by introducing new structures that provide a significant new range of functionality we anticipate that our customers will take the opportunity to evaluate new capabilities, review documentation, and begin their analysis for how they can leverage features, once fully delivered. Upcoming Additional Feature bundles are targeted to include: Enrollment triggers to automatically update a student's IAM
- Integration with the Rules Engine that will support the calculation of raw activity results into overall course results
- Self service access into activity management structures for students.

Research Enrollment Tracking Updates

Research Enrollment Tracking provides a central repository of research candidates' information with administrative components in which to monitor research candidate progress, track research topics, maintain supervisory assignments and provide a comprehensive management tool for supporting the "life cycle" of these unique students. Starting with Additional Features January 2012, we introduced the Research Enrollment Tracking feature and since then we have delivered three phases of Research Enrollment Tracking functionality which have included:

- Setup components in which users can identify and define research eligible academic programs and plans, available research topics and available research supervisors and the level of their participation. (January 2012)
- A Candidate Management data structure which provides the ability to define and track a research candidate's research topic, supervisors, thesis submission dates, and other school-defined requirements. (January 2012)

- A new Thesis Processing feature which will track the submission and evaluation of the candidate's thesis or dissertation (January 2012)
- Integration of the Common Attribute Framework within the Candidate Management component: common attributes can now be defined within Research Components (July 2012).
- Updates to Thesis Submission and Final Result pages (July 2012)
- Updates to default values, data validation, and delivered error messaging controlled with setup parameters added to the Academic Program and Academic Plan setup. (July 2012)
- Ability to manage both internal and external organizations and contacts related to research topics (July 2012)
- Ability to define, calculate, and track the time towards completion (consumption) of research studies (October 2012)
- Administratively tracking special requests from research candidates (October 2012)
- The definition and management of Research Supervisors and Evaluators. (October 2012)

With the delivery of the planned features described below, we are pleased to note that Research Enrollment Tracking is ready for customer implementation and deployment at your institution. Two Research Enrollment Tracking features are planned for Additional Features April 2013. New Candidate Self Service functionality for Students and Research applicants is targeted to provide user accessible pages that search and display information of the available research topics at the institution. In addition, Research candidates and administrators have access to planned self service pages to create, review, and update school service requests which were introduced in October, 2012. Also, a planned is a new feature called *Student* Academic *Projects that* allows schools to administer non-research student projects utilizing enhanced Research Enrollment Tracking and Evaluation Management System functionality.

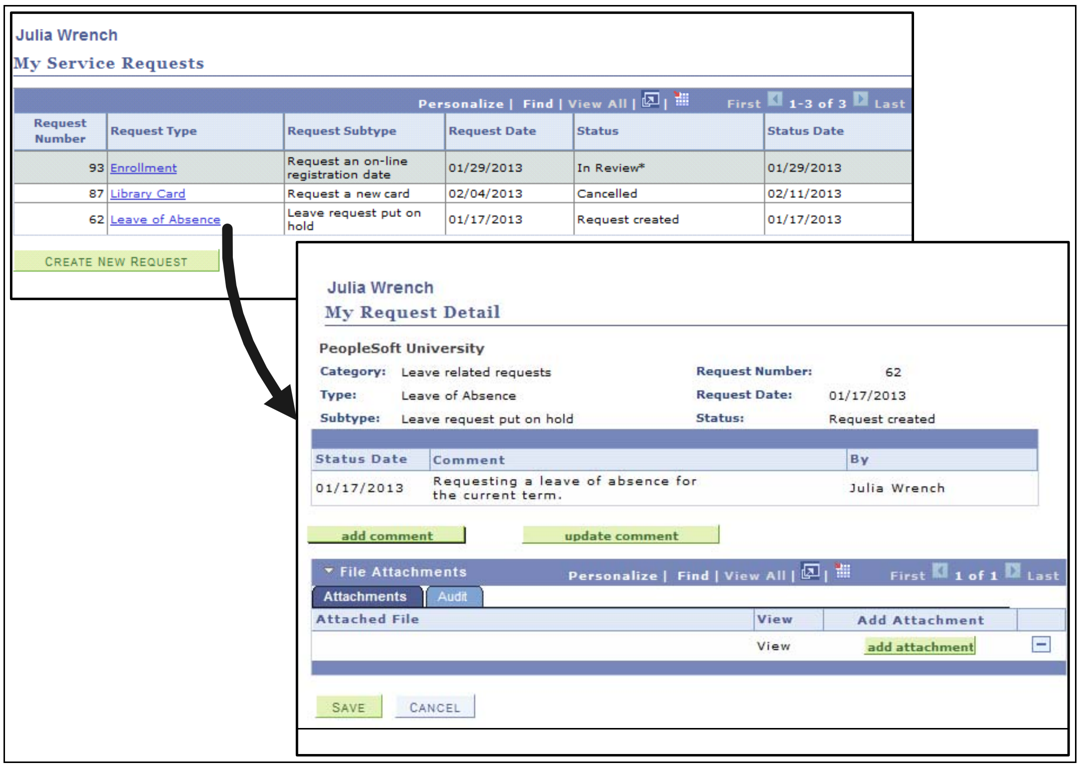
Candidate Self Service

Most research institutions enable candidates to perform various functions and transactions through self service pages. These activities include searching for potential research projects and supervisors, submission of Leave of Absence or program extensions requests, initiate appeals, and requests for research topic approval. We plan to provide self service pages to perform these activities. In addition, many of these requests require actions from administrators or faculty and so self service for administrator is also provided. We also plan to utilize the Notifications Framework in order to automatically alert administrators via email of new and reassigned service requests so that they may respond to the candidate quickly and efficiently.

Research Candidate Self Service

My Service Requests

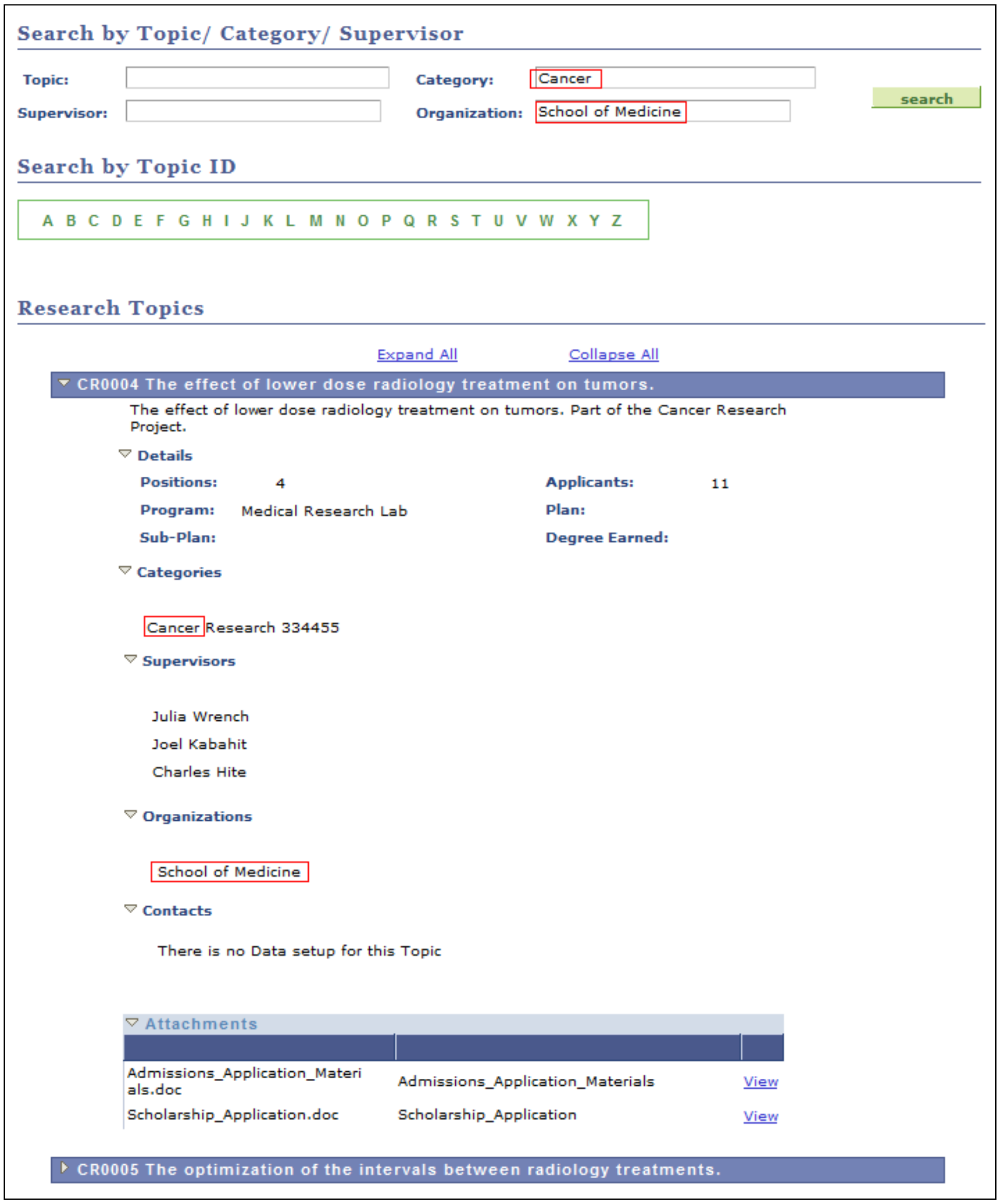
A series of pages where the research candidate can view, create, and edit their service requests. Candidates will be able to read notes from the administrator and respond in kind, as their request is in process.



Research Topic Search

A page to view the available research offerings at the institution. Institutions will be able to select the topics they wish to display students and applicants and provide downloadable attachments of additional information. In the example below, the user is searching for research topics with a specific category for a specific sponsoring organization (the School of Medicine). The search yields two results:

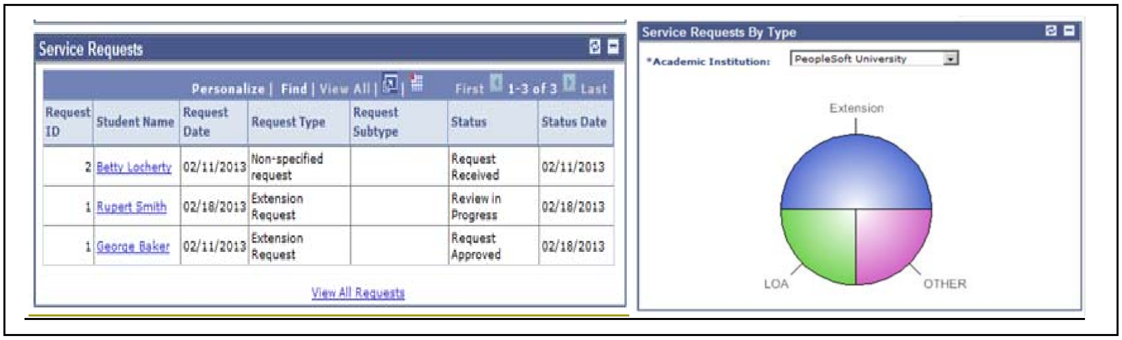
By expanding the result, the user can View of the detail of one of the topics including the downloadable attachments available.



Research Administrator Self Service

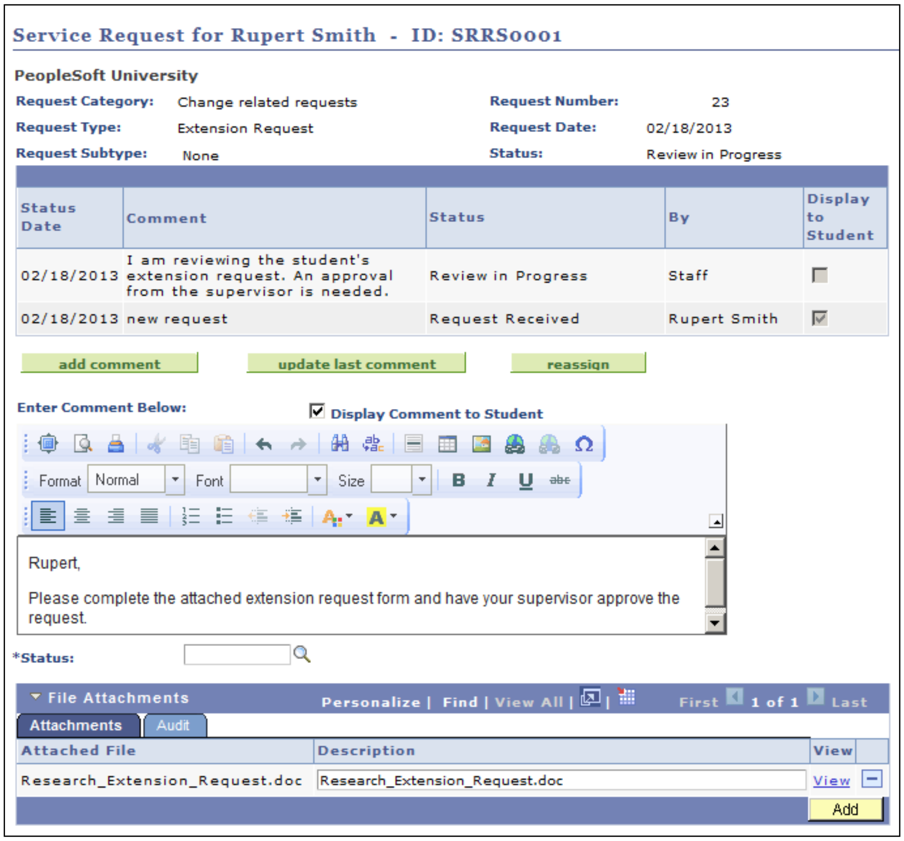
A planned Research Dashboard contains pagelets that will assist the administrator in managing their assigned workload of service requests. The dashboard displays all of the service requests that have been assigned to the administrator. Two chart pagelets are designed to display the breakdown of the service requests – by their types and by their review status. The charts can be used to drill down and view subsets of service request records.

The Service Requests pagelet is targeted to display a comprehensive list all of the requests assigned to the administrator. The grid can be customized to sort in the order desired by the user. A record can be selected and then edited using the Administer Service Requests page.



Administer Service Requests Page

A page for administrators to review and update candidate service requests. Administrators will be able to post notes and share documents for the candidate to read from their self service page. Private administrator notes can also be created that the candidate cannot view. If necessary, the administrator can reassign the service request to another administrator. Reassigning a service request will trigger an email notification to the new owner and the service request will then appear in the owner's dashboard.



Student Academic Projects

While Candidate Management has been developed to support the unique life cycle of advanced research students, our global customer community has also advised us that there is an important need to support non-research oriented student projects that will result in the development of a written dissertation, thesis, etc. For example, many institutions require a "Senior Thesis" for certain majors or programs at the undergraduate level. While these projects do not include the same level of tracking and control that advanced degree research requires, these academic practices may require:

- Projects to be associated with a particular course offered in a specific term and session.
- The final grade for the course may be the grade of the project.
- Non-research student projects will result in a thesis or other written form which require evaluation by a committee.
- A supervisor or advisor may be assigned to the project.

In response to our customers who have articulated these requirements, we plan to introduce *Student Academic Projects* which is based on many of the existing features and concepts of Research Enrollment Tracking functionality but will also include planned functionality to support any additional differences. Planned features of Student Academic Projects include:

- A new Student Project Management component that combines much of the Candidate Management and Thesis Management features.
- A new Project Topic setup page to define academic project topics.
- A new Administrator Profile role of Project Supervisor to be used for defining project supervisors and advisors.
- A new population selection process for project record creation for groups of students.

Expected Benefits: Research Enrollment Tracking

The Research Enrollment Tracking feature is intended to provide a complete set of operations for administrators to manage their research candidates including:

- Self Service functionality creates a single entry point for research candidates to make service requests with administrators. This greatly assists these non-traditional students who may be conducting their studies primarily off campus. Communication between the candidate and administrator is enhanced by the ability to share comments within the service request.
- Service Request Dashboard provides administrators with summary data and the ability to efficiently manage their assigned workload of service requests in a single accessible location.
- Self Service functionality manages efficient searching for available research topics offered at the institution
- Expanded functionality can be deployed to define and manage non-research student projects in a new component
- The Candidate Management component brings together all of the key research related data for a student so that it can be used to track a student's research progress to the point of thesis submission and result outcome.
- Ability to manage and allocate both internal and external supervisors and link them to various research topics support important research practices
- The Thesis Management component provides accurate details necessary to efficiently manage the critical business flow from submission to final decisions.
- Monitoring the consumption of the allocated time towards thesis submission and completion is an important capability which will increase the efficiency, accuracy of administrative practices and reduce the costs.

Beyond Additional Features April 2013: Planned Additions to Research Enrollment Tracking

Our Continuous Delivery Model allows us to make improvements to Research Enrollment Tracking on an ongoing basis as we assess our design, usability and receive feedback from customers. While we anticipate additions to Research Enrollment Tracking in future bundles, with April 2013 installment of the feature functionality, we expect customers to be able to implement Research Enrollment Tracking at their institutions.

Planned future functionality for Research Enrollment Tracking includes:

- Integration with the Rules Engine Framework to:
  - Support additional consumption calculation methods
  - Perform validation edits from selected research processes and components to enforce local business rules
- Enhancements to support for Student Academic Projects that are conducted by groups of students
- Continued Self Service and Research Dashboard enhancements
- Research scholarship and fund management

Evaluation Management (EMS): The Evaluation Center and Workflow and Notifications

The Evaluation Management System has been introduced in two phases. In Additional Features January 2012 we deployed the initial delivery phase for Evaluation Management that provided setup and administrative components to support generic evaluation practices for our customer communities. Using these configurable structures a user can construct and manage evaluation processes that:

- Tie the evaluation to a set of functional area data in the system (ex. Graduate level thesis, doctoral dissertations, applications for admissions, etc.)
- Define what is assessed in the evaluation, what ratings or measures are required, and assess the use of multiple rating schemes in the evaluation.
- Define *who* will evaluate criteria in the rating schemes including committees and/or an individual evaluator as reviewers
- Create multiple levels of evaluation review and process flow
- Define specific values for recommendation and status fields that are meaningful to end users
- Control for the administrative component functions
- Use of batch processing for creating, updating and deleting evaluations

In Additional Features July 2012 we delivered:

- Batch update of evaluation statuses
- A Copy function to copy setup components from one Evaluation Category to another.
- Functionality that will 'lock down' various levels of the evaluation as each level is completed and the evaluation status is set to the final default value as designated on the Evaluation Code setup.
- Links for the assignment of Attachments every level of the Evaluation component so that attachments can be aligned to the evaluator who submitted them.

In Additional Features April 2013, we plan to turn our attention to the design and delivery of the EMS Evaluation WorkCenter and workflow and notifications to support the evaluation process. Campus Solutions is delivering this new feature to more fully meet the needs of an evaluative process by providing evaluators and administrators a user accessible Evaluation Workcenter to conduct and manage evaluations. Planned workflow and notifications will drive transaction sequence, letting evaluators know there is an evaluation ready for their attention by placing an item in their worklist and sending an email notification. We plan to fully utilize and deliver PeopleTools WorkCenter functionality as the basis for the Evaluation Center. In addition we are utilizing the Notifications Framework to handle the notification portion of this deliverable. We intend to deliver a number of self service pages which will integrate into the Work Center and are required for use by our customers. Beyond these two groups of delivered objects, customers can configure the Evaluation Center to meet their business needs by referring to PeopleTools and PeopleTools Portal Technologies documentation for information on using WorkCenters, pagelets etc.

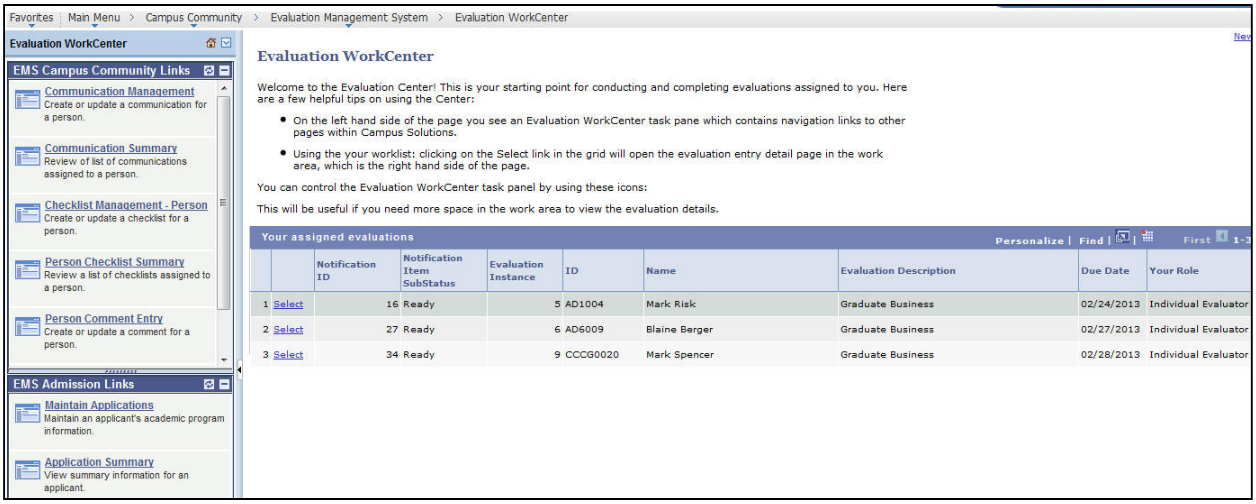
The Evaluation Center Landing Page

This is the starting point for an Evaluator or Administrator after logging into the system and navigating to the Center. This planned page provides the evaluator with the ability to:

- see what evaluations are awaiting his/her review in a work list and/or dashboard
- organize that list in a way the evaluator prefers using delivered grid capabilities

The page consists of two areas: a target content area or 'workspace' and a collection of pagelets in a task pane. The workspace is a dynamic, changeable area and displays what is selected from the worklist or from navigation in the task pane. The planned worklist is a high level view of evaluations which are ready for the evaluator's review and includes columns to display data helpful to the evaluator to determine what evaluations are in the list. Other content on this page can be configured by setup or by the user and include:

- Messages: This is an area of the page which would display communications from the administrator.
- Plug-ins**:** other tools or utilities that may be available within PeopleTools that can be deployed to a work center such as calendars.

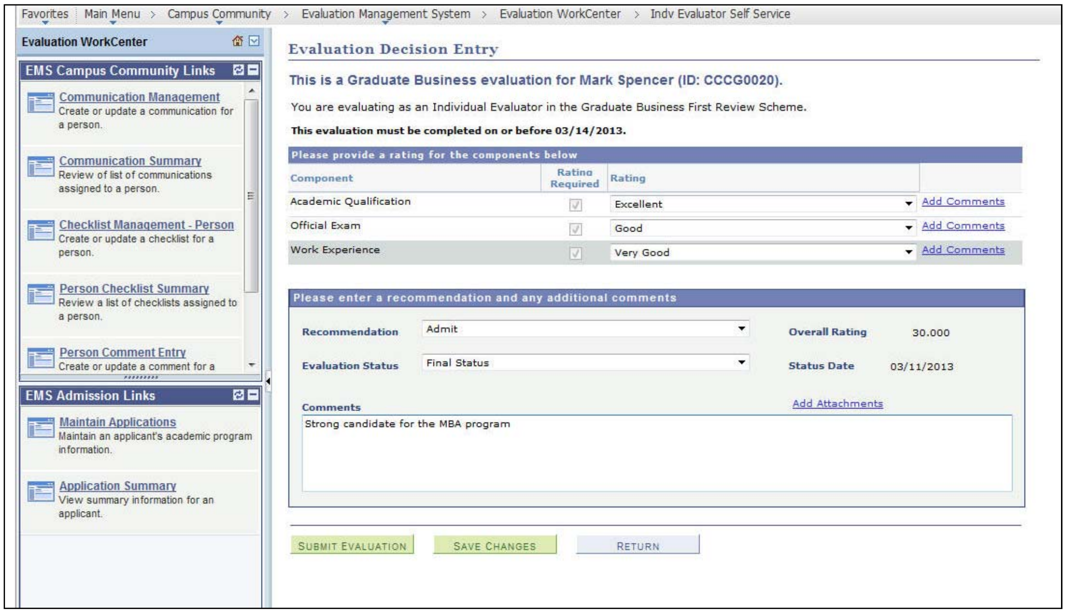


Evaluation Decision Entry Pages

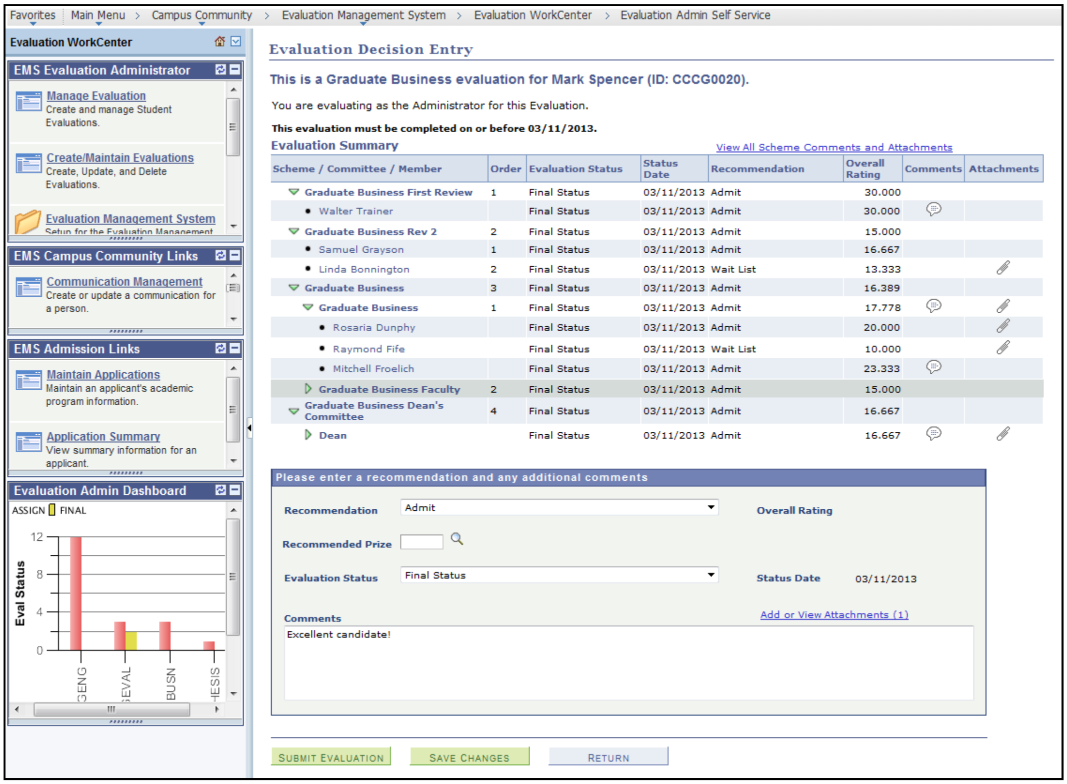
An evaluator reaches this page by drilling down on a selected evaluation link from the work list on the landing page. Here we plan to provide the ability to view details regarding the evaluation and the ability to enter evaluation results for ratings, recommendations, etc. It contains several common elements:

- Textual informational content
- Links to resources and reference material relevant to the evaluation (in the left task pane)
- A transactional section of the page where the evaluator can record their evaluation results, add comments and attachments, submit and save their evaluation.

The page shown below illustrates the core elements which will appear on every Evaluation Decision Entry page. This page is the basic page for a singular evaluator. Users may see a different page, still incorporating these core elements, but exposing more details from the overall evaluation. The display a user sees depends on the level of the evaluation in which they are participating and their role.



Managers who are responsible for the oversight of evaluation procedures require special views in order to track various evaluation processes. Shown below is an example of the evaluation administrator page. The planned Evaluation Summary presents to the administrator all levels of work done in the evaluation. This display only grid provides for expandable/collapsible functionality. The grid is grouped by Scheme, Committee Name (if a committee scheme), and Evaluator and will display a row for the outcome of each.



Workflow and Notifications

As noted above, EMS integrates with the Notifications Framework to deliver worklist and notifications functionality. The Notifications Framework provides a consistent, extensible communication mechanism that supports a broad set of interactions between the Campus Solutions system and users and also between users themselves. The first iteration of the framework was released to support triggered email for Delegated Access in October 2012 (Campus Solutions Bundle 27). For Campus Solutions Additional Features April 2013 the framework has been significantly enhanced to extend the email channel and is targeted to include channels for:

- Email
- SMS
- Alert (Informational message that appears on a portal homepage)
- Worklist Item (an actionable hyperlink that appears on a portal homepage)

Notifications Framework architecture makes use of the Campus Solutions Entity Registry to generalize all notifications into a single structure and is modeled on a pluggable *Channel* based approach. Each notification type is supported by a dedicated channel that supports the requirements of the particular notification type. It enables projects in Campus Solutions, such as Evaluation Management to easily provide notification and worklist capabilities.

Planned updates to existing EMS setup structures, notably the Evaluation Code setup, are anticipated in order to provide configuration options for workflow and notifications. These additions include planned updates to existing EMS setup structures, notably the Evaluation Code setup, are anticipated in order to provide configuration options for workflow and notifications. These additions include:

- Workflow Processing flag to determine whether workflow will be used for the evaluation
- Start Workflow Processing flag to determine when to start workflow (programmatically or manually)
- Workflow Due Days: to designate how long the evaluator has to complete their part of the evaluation
- Notification Template: user can select which notification template will be used for email notifications

Expected Benefits: Evaluation Management

Most institutions manage evaluation policies that require criteria applied to various “candidates” in a variety of processes. These processes frequently involve managing internal and external evaluators and committees and require the control of materials and data used for adjudication and usually employ complex rules applied to candidates and their credentials. While evaluation practices have fundamental similarities, they vary sufficiently between and within institutions to require configurable structures for constructing, administering and executing evaluations activity.

- Configurable objects like WorkCenters, worklists, pagelets, applied to your Evaluation Center allows you to deploy value added functionality to users that meet critical business needs
- Using well a connected user interface that allows a user to easily access, organize, and complete evaluations increases accuracy, and reduces costs.
- Administrative versions of Evaluation Center pages make the management of complex and decentralized evaluation processes more efficient
- Worklists and Notifications streamline communications to various audiences during the evaluation cycle.
- The configurable design of Evaluation Management provides institutions with a generic evaluation structure that can be applied to a variety of institutional procedural settings including admissions, scholarships, certifications, research dissertations, and variety of other similar activities.

- The Evaluation Center provides administrative managers an accessible and highly usable location for viewing evaluations related information that can hold either individual or committee evaluator outcomes or ratings.
- The flexible design of Evaluation Management setup allows users to support many different types and levels of evaluation review and to create a reusable structure that defines who evaluates, what is evaluated, and the sequence of evaluation.
- Evaluation Management provides capabilities that will reduce the administrative burden of assigning and maintaining evaluations for applicants and research candidates, as well as helping to streamline the business flow.

Beyond Additional Features April 2013: Planned Additions to Evaluation Management

The Continuous Delivery Model allows Oracle Campus Solutions to deploy new functionality incrementally rather than delivering large units of new development at any one time. With the initial foundation for EMS provided in January and July 2012 and April 2013 we plan to continue to deliver phased functionality that is anticipated to include:

- Integration with the Rules Engine which can process and calculate data in the system and allow for automation of an evaluation.
- Further refinements to the Evaluation Center:
  - ability view evaluative materials and data,
  - controls to expose more of the evaluation content at intermediate levels of the evaluation (i.e., allow committee members to view one another’s work)
- Additional capabilities for Workflow and Notifications:
  - Alerts functionality
  - Controls directing the workflow
  - Reminder and timeout processing

Campus Community

Delegated Access Framework Updates

Colleges and universities find it increasingly necessary to provide the ability for their students (the “delegators”) to allow parents, guardians and even employers (their “proxies”) access to various data or to delegate access to various transactions associated with the student life cycle. This needs to be accomplished efficiently while observing any privacy regulations or those specified by the delegating student. The planned Delegated Access feature provides a framework that standardizes who can delegate what access to whom within Campus Solutions components. We plan to deliver this feature over several phases. In Additional Features October 2012, we focused on delivering the Delegated Access Framework. This initial phase provided the basic structures for Delegated Access that included:

- Ability for institutions to:
    - Identify the components they want to make available for delegation along with what security Roles to grant to the proxies. Institutions can either group these components under one transaction to delegate or associate one component per transaction.
    - Restrict which transactions a delegator has access to delegate.
    - Decide if an EMPLID should be associated with the proxies that will be delegated a specific transaction.
    - Send an email notification to the proxy once a delegator has delegated or revoked access and an email notification to the delegator once access to his/her own data is delegated to a proxy.
    - Provision the proxy with security Roles related to the delegated components only after the terms and conditions as described by the institution have been accepted.
- Ability for the delegator to:
    - Accept or decline your institution's specific terms and conditions every time a new proxy is created.
    - Delegate access to multiple persons.
    - View a summary list of their current proxies, their shared transactions, and their statuses.
    - Revoke or add access to a proxy previously granted access. When doing so, the proxy's user profile is automatically auto-provisioned or de-provisioned with the Role security tied to the shared or revoked transaction.
- Ability for proxies to:
    - Accept or decline your specific institution's terms and conditions before accessing the delegator's data.
    - Receive delegated access by multiple delegators.
    - Review all shared access under a unique menu folder called *Shared Information Center* which allows a proxy to see all the components for which access has been granted and to search and view data for a selected delegator.

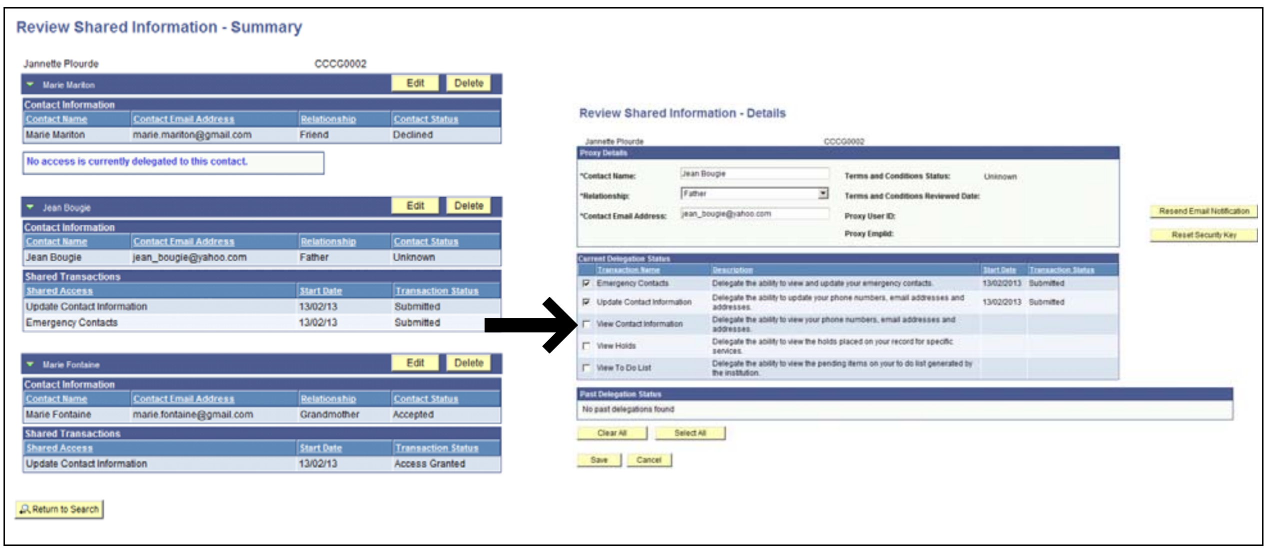
Planned Delegated Access functionality for Additional Features April 2013 includes the ability for an administrator to:

- View the proxies created by the delegators. For each of these proxies:
    - view current delegated transactions
    - view past delegated transactions
    - view possible transactions the delegator has access to delegate
    - view and modify the proxy's contact information

- view when and by whom a transaction was delegated, granted, revoked etc.

- Revoke access to a transaction on behalf of the delegator.
- Grant access to a transaction on behalf of the delegator. For example, administrator grants access to additional transactions for an existing proxy (proxy having been initially created by the delegator).
- Delete a proxy on behalf of the delegator.
- Reset the Security Key assigned to the proxy.
- Resend the latest email notification sent to the proxy and/or the delegator.

The examples below illustrate the planned pages that allow an administrator to review and edit the delegations on behalf of the delegator. In this example, an administrator is viewing the multiple proxies for which delegated access has been granted by a single delegator. The edit button allows updates to the Review Shared Information –Details page, also shown.



New, planned setup options for transactions are anticipated to provide the ability for institutions to:

- Configure when to revoke a proxy access to the transaction based on the following options:
  - Never
  - Transaction Inactivated
  - Delegator no longer has access to delegate the transaction
- Based on the revoke options selected, ability to automatically revoke a proxy access to a delegated component.

The planned *Proxy Access Validation* (PAV) process evaluates all the conditions to confirm if a proxy should still have access to a delegated transaction. Delivered processing is planned to revoke component access to a proxy and de-provision the proxy's user profile from the security Role tied to the transaction where applicable. Planned PAV logic will be incorporated into a *batch* process as well as a *real-time process.*

Utilization of the Notification Framework to send email notifications to the proxy once an administrator has delegated or revoked access and an email notification to the delegator once access to his/her own data is delegated to a proxy. The Notifications Framework provides a consistent, extensible communication mechanism that supports a broad set of interactions between the Campus Solutions system and users and also between users themselves. The first iteration of the framework was released to support triggered email for Delegated Access in October 2012 (Campus Solutions 9.0 Bundle 27). For Campus Solutions Additional Features April 2013 the framework has been significantly enhanced to extend the email channel and is targeted to include channels for:

- Email
- SMS
- Alerts (Informational message that appears on a portal homepage)
- Worklist Item (an actionable hyperlink that appears on a portal homepage)

Notifications Framework architecture makes use of the Campus Solutions Entity Registry to generalize all notifications into a single structure and is modeled on a pluggable *Channel* based approach. Each notification type is supported by a dedicated channel that supports the requirements of the particular notification type. It enables the new development projects in Campus Solutions such as Delegated Access to easily provide notification and worklist capabilities

Expected Benefits: Delegated Access Framework - Phase 2

With our focus on providing access to shared information in a controlled and managed environment; expected benefits for Delegated Access include:

- Seamless integration with Constituent Transaction Management framework to gather proxy's constituent information and trigger Search/Match to identify or create an EMPLID for the proxy.
- Integration with New User Registration framework to allow the proxy to create or reuse an existing User ID and then be automatically provisioned and transferred to the Delegated Access Terms and Conditions page.
- Automatically triggered email messages to both delegators and proxies supported by the implementation of the Notification Framework makes communications timely and accurate.

- Streamlined Security:
    - By providing real-time and batch security validation the PAV process streamlines the management of proxy security and assures its accuracy.
    - The proxy's user profile is automatically provisioned with security Roles after accepting your institution's terms and conditions.
    - Desired usability is supported by permitting proxies to use their existing User ID to access a delegator's data without having to create and remember a new one.
    - Delivered logic limits delegators to grant access only to transactions for which they have access ensures the integrity of your security setup.
- Configurable setup enables you to deploy Delegated Access based on your institutional requirements.
    - Ability to decide to add a proxy to your system by assigning an EMPID. For example, your institution may want to capture parents' personal information in Campus Solutions.
    - Ability to create and maintain the content for your own institution's terms and conditions.
- Administrator inquiry and update functionality allows institutions to effectively manage Delegated Access by supporting delegators and their proxies if questions or issues arise. For a particular delegator, an administrator can view the delegations and perform edits on behalf of the delegator.

Beyond Additional Features April 2013: Planned Additions to Delegated Access

The Continuous Delivery Model allows Oracle Campus Solutions to deploy new functionality in phases rather than delivering large units of new development at one time. With the structures introduced in April 2013, Delegated Access provides a significant range of functionality with which customers can evaluate new capabilities, review documentation, and leverage features to deploy their own components to proxies. Additional functionality planned for upcoming bundles:

- Ability for a proxy to view at a single location all of their delegators and the pages to which each has delegated access.
- Ability for a delegator to specify a Start Date and an End Date when delegating a transaction to a proxy.
- Ability to configure delegation expiration number of days and set delegation revocation if a proxy hasn't accepted the terms and conditions by a predefined time.
- Delivery of a predefined list of Campus Solutions self-service components ready for a proxy to view or update.

New User Registration Framework Updates

Most universities have many self-service transactions that need to be seamlessly accessible to new users or guests. These can include everything from applying for admissions to making a donation. A limited version of New User Registration (NUR) functionality was delivered in July 2010 with the Admissions Application Web Services (AAWS). Our goal is to deliver robust and flexible new user registration applicable to a variety of online transactions and compatible with critical security identity management solutions. We plan to deliver this feature over several phases. The planned New User Registration Framework logic is intended to be deployed fully or partially in accordance with your security management.

In Additional Features October 2012 we introduced the following enhancements to our existing new user registration technical design and functionality:

- A NUR Sample logon page built with PeopleSoft Internet Architecture to allow either a guest to create a new user ID or a returning user to enter an existing user ID and access your system. The NUR Sample page uses all the functionality contained inside the NUR framework. It is a delivered example of how a NUR logon page can be deployed in your environment when the user accessing the logon page is anonymous (for example from a kiosk set outside of your firewall) and when successfully authorized and authenticated, gets signed into your system.
- A NUR Tester sample page. Similar to above, the sample page allows you to gain familiarity with the logic delivered with the NUR Framework without fully deploying it in your production environment.
- A New User Registration Context setup component to optionally define the following information for each of the calling online transactions:
  - A set of default Role(s) to provision the new user or returning user at the time of successful registration and authentication.
  - A target page the new user or returning user should be transferred to after successfully authenticating to your system.
- Updates to the NUR web services response messages to accommodate the new NUR Context concept.

In Additional Features April 2013, we plan to deliver two important feature transactions for New User Registration:

- A “Forgot Password” utility where the user is asked to enter his/her User ID and respond to a security question they previously answered. If answered properly, an email message is sent with a temporary password. This functionality utilizes the PeopleTools 8.52 forgotten password utility.

- A “Forgot User ID” utility where the user is asked to provide his/her email address. If the email address matches a User ID, the Notification Framework is triggered to send the user an email message with his/her User ID.

Expected Benefits: New User Registration Framework Phase 2

Enhancing and updating the design of New User Registration will provide important capabilities that our customers can utilize immediately.

- Seamless design makes security management easier:
  - NUR provisions a newly created user with *generic* Roles needed to access your system.
  - NUR provisions a newly created user and a returning user Role needed to perform the calling online transaction.
  - Because of its natural integration with Constituent Transaction Management (CTM), when a new User ID is created as part of a self-service transaction, the EMPLID identified by Search/Match can be populated inside the new User Profile created.
- Flexibility: Because NUR employs CTM and because its *Create User Account* web service includes a number of constituent fields, personal information can be requested at the time of creating a new User ID (for example First Name, Last Name, Email Address, etc). This information is stored inside the CTM constituent staging tables and can be reused by the calling online transaction to trigger Search/Match or to display back to the user to avoid duplicate data entry of the same information.
- Reusability: Planned design reuses PeopleTools security logic (authorization and validation) as well as password hint utility when the user forgets a password.
- Streamlined Navigation: NUR setup facilitates the navigation for your new or returning users. After logging into your system, the user can be automatically transferred to a pre-determined page or to an external URL.
- The issuance of a new password has become an expected part of online transactions and its support in Campus Solutions will improve usability and user satisfaction.

Beyond Additional Features April 2013: Planned Additions to the New User Registration Framework

The Continuous Delivery Model allows Oracle Campus Solutions to deploy new functionality and enhanced architecture incrementally to our customers. Campus Solutions plans to release additional functionality in upcoming bundles including:

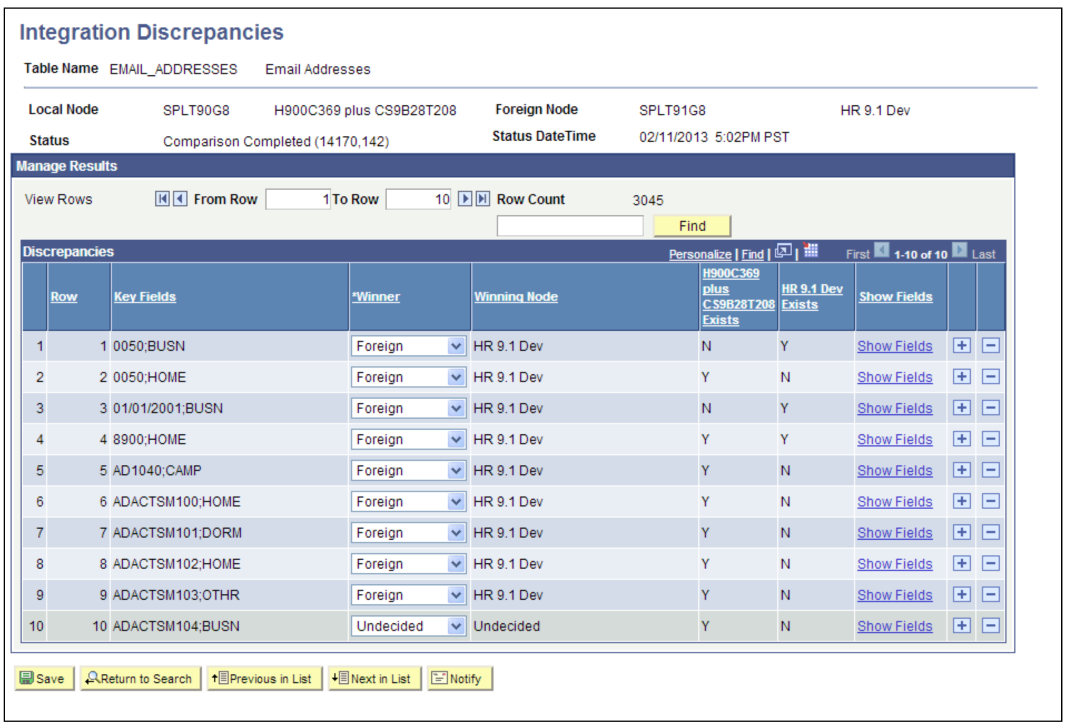
- Provide Email Address validation
- Allow a user ID to be created with an Email Address
- Provide a Change Password utility at logon time to support expired or soon-to-be-expired passwords.

Campus Solutions-HCM Instance Separation-Integration Integrity Utility

The Campus Solutions – HCM Instance Separation has been introduced over several phases. The initial release of integrations in late 2010 (in CS 9.0 and HCM 9.0, 9.1 bundles) provided support for priority integrated CS-HCM business processes. These delivered integrations provide a way to keep mission-critical setup, person, and job related data synchronized between separate CS and HCM database instances.

In this next phase, the planned Integration Integrity Utility is intended to provide tools to help maintain high quality data in integrated environments. As with most integration, unplanned scenarios can sometimes occur which leave data “out-of-sync”; for example, messaging errors due to data corruption, business logic differences, or customizations. The Integration Integrity Utility is planned for use in development, testing, and production instances by providing:

- A configurable and secure compare process which will detect data differences at row and field level between separate CS and HCM databases.
- Pages to review data that is detected to be “out-of-sync”.
- A secure process using user-defined “winner” rules to re-sync and reconcile impacted data in separate CS and HCM instances



	Row	Key Fields	*Winner	Winning Node	H900C369 plus CS9B28T208 Exists	HR 9.1 Dev Exists	Show Fields
1	1	0050;BUSN	Foreign	HR 9.1 Dev	N	Y	Show Fields
2	2	0050;HOME	Foreign	HR 9.1 Dev	Y	N	Show Fields
3	3	01/01/2001;BUSN	Foreign	HR 9.1 Dev	N	Y	Show Fields
4	4	8900;HOME	Foreign	HR 9.1 Dev	Y	Y	Show Fields
5	5	AD1040;CAMP	Foreign	HR 9.1 Dev	Y	N	Show Fields
6	6	ADACTSM100;HOME	Foreign	HR 9.1 Dev	Y	N	Show Fields
7	7	ADACTSM101;DORM	Foreign	HR 9.1 Dev	Y	N	Show Fields
8	8	ADACTSM102;HOME	Foreign	HR 9.1 Dev	Y	N	Show Fields
9	9	ADACTSM103;OTHR	Foreign	HR 9.1 Dev	Y	N	Show Fields
10	10	ADACTSM104;BUSN	Undecided	Undecided	Y	N	Show Fields

Expected Benefits: Campus Solutions-HCM Instance Separation-Integration Integrity Utility

Maintaining high data quality between integrated Campus Solutions and PeopleSoft Enterprise HCM instances is a critical business objective for customers using these database environments. The Integration Integrity Utility enhancements will provide customers with:

- Improved visibility into data integrity
- Tools to help identify trouble areas with integrations
- Simplified data reconciliation between the databases

Targeted Regulatory Updates April 2013

In most countries around the globe, Higher Education is a highly regulated industry. As such, Higher Education institutions face numerous requirements for regulatory processing, data requirements, and reporting in order to conduct their day to day business. The following items are planned for delivery to support some of these requirements.

Australia Victorian Tertiary Admissions Center (VTAC) Updates

Planned VTAC data dictionary updates for 2013 include significant structural changes and new verification and statistical reporting data elements.

UK HESA Key Information Set (KIS) Return 2013/14

Support for the 2013/14 KIS return, i.e. records for courses that have start dates (i.e. intake of new students) between 1st August 2013 and 31st July 2014. Data must be returned to HESA by August 2013.

US Financial Aid Updates

Pell Schedules

On January 30, 2013, the Department of Education (ED) published the 2013-2014 Federal Pell Grant Payment and Disbursement Schedules [Dear Colleague Letter (DCL) GEN-13-06] for determining Federal Pell Grant awards for the 2013-14 Aid Year, July 1, 2013, to June 30, 2014. We plan to post updates supporting the new Pell schedules in both an individual patch and again in the April 2013 bundle.

INAS FM

The College Board has provided updates for the 2013-2014 aid year to INAS Federal Methodology (FM) along with continued updates for Institutional Methodology and Estimated Federal Methodology (IM/EFM). We plan on delivering the INAS updates along with the corresponding updates to the Oracle Financial Aid interface to INAS. These updates are targeted for posting to My Oracle Support as both an individual patch and again with the April 2013 bundle.

Anticipated Documentation for Additional Features April 2013

In order to gain a thorough understanding of important new functionality, extensive documentation is planned, updated, and deployed for each Additional Feature bundle. These planned references represent our commitment to keep you informed and prepared to take full advantage of the features that are available through our Continuous Delivery Model. Customers should visit My Oracle Support PeopleSoft Enterprise Campus Solutions Documentation Home Page (Doc ID 751540.1) for access when Additional Features April 2013 is made available.

Planned Campus Solutions Bundle #29 Functional Documentation for Additional Features April 2013 includes:

- For Campus Self Service Mobile refer to: CS_Bundle_29_Self_Service_9_0.pdf
- For the Notification Framework refer to : CS_Bundle_29_Campus_Community_9_0.pdf
- For Restricting Payments and Tuition Calculation Waiver Enhancement refer to: CS_Bundle_29_Student_Financials_9_0.pdf
- For Program Enrollment refer to: PEAM Program Enrollment Documentation.pdf, Program Enrollment_Activity_Management_Benefits Document.pdf
- For the Rules Engine refer to: CS_Bundle_29_Campus_Community_9_0.pdf
- For Activity Management refer to: PEAM Activity Management Documentation.pdf, Program Enrollment_Activity_Management_Benefits Document.pdf
- For Research Enrollment Tracking refer to: Research_Tracking.pdf, Research_Tracking_Benefits_Document.pdf
- For Evaluation Management System refer to: Evaluation_Management.pdf, Evaluation_Management_Benefits_Document.pdf
- For Student Academic Projects refer to: Student_Academic_Projects.pdf
- For Delegated Access refer to: CS_Bundle_29_Campus_Community_9_0.pdf
- For New User Registration refer to: CS_Bundle_29_Campus_Community_9_0.pdf
- For Campus Solutions-HCM Instance Separation-Integration Integrity Utility: CS_HCM_Integration_Integrity_Utility_Guide.pdf
- For Regulatory Items refer to the relevant product area bundle doc packages.

Conclusion

The introduction of the extensive functionality in Additional Features April 2013 illustrates Oracle's commitment to advancing innovative functional models for Campus Solutions to serve a world-wide customer base. We can do this by employing a Continuous Delivery Model which provides the ability to take advantage of new and important strategic technology and agile design on an ongoing and sustained basis. The Campus Solutions Additional Features April 2013 is intended to meet customer needs, extend value, and provide leadership for our global higher education community. We encourage all business areas to evaluate the content of this Additional Features bundle for applicability to their business processes.

Campus Solutions 9.0
Additional Features April 2013
Pre-Release Notes
March 2013

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