

USC RAS-KC

Overview

The Functional Requirements Readiness Assessment worksheet is a working document that the KC Team has put together to begin tracking and analyzing USC's requirements for a research administration system. These requirements were taken from the USC Research Administration System (RAS) System Requirements V1.0 document published by the Office of Research in March 2011.

With this working document, the KC Team has listed the individual requirements identified in the RAS and begun assessing which functions KC has available out of the box along with notes indicating which module and release contains that functionality. As the team continues to plan for the work ahead, this document will be used to validate and track required functionality and verify how KC can be used to meet USC's stated needs.

Reading the Spreadsheet

Groupings and Sub-topics

For ease of use, the RAS requirements have been grouped by major types of functions in the first column of the spreadsheet. Within those major functions, sub-categories of functions have been identified. Color has been used in these first two columns to provide quick visual cues so that readers can quickly see these groupings.

ID Numbers

Two ID columns have been included. The RAS Process ID refers to the numbering schema used in the original RAS document to track each of the major research administration requirements that USC identified. The Issue ID refers to the new numbering scheme developed to assign a unique number to each requirement. These Issue IDs were structured in outline format in order to capture the hierarchy inherent in moving from high-level to lower level requirements.

KC Versions and Modules

Each RAS requirement has been evaluated in terms of whether KC includes the requested functionality out of the box or not. If KC does provide the requested functionality, then the next columns indicate which KC release and module provide that function. If KC does not provide the function, but another Kuali system implemented at USC does, then a note is entered to indicate where the functionality will come from.

Acronym or Abbreviation	Kuali System / Module
BI Tool	Business Intelligence Tool (generic, not a specific application)
KC	Kuali Coeus
KC-Award	Kuali Coeus / Award
KC-InstProp	Kuali Coeus / Institute Proposal
KC-IRB	Kuali Coeus / Human Subjects IRB
KC-Negotiation	Kuali Coeus / Negotiation
KC-PDB	Kuali Coeus / Proposal Development and Budget
KC-Report Tracking	Kuali Coeus / Report Tracking
KC-Subaward	Kuali Coeus / Subaward
KEW	Kuali Enterprise Workflow
KFS	Kuali Financial System
KFS-CAM	Kuali Financial System / Capital Asset Management
KFS-CGB	Kuali Financial System / Contracts and Grants Billing
KFS-GL	Kuali Financial System / General Ledger
KFS-LD	Kuali Financial System / Labor Distribution
KFS-Purap	Kuali Financial System / Purchasing and Accounts Payable
KIM	Kuali Identity Management

Validation and Notes

For KC functionality that is provided in release 3.1 or lower, an additional column has been added to indicate whether the KC Team was able to validate the function in the Kuali Coeus Test Drive 3.1 Version available from the Kuali Foundation website. Validation of a function means that the KC Team was able to run tests in KC (e.g., creation and management of proposals, awards, and protocols) that proved the ability of KC to meet the high-level function requested. Not all functions could be tested due to limitations inherent to the Test Drive 3.1 environment, and the lack of validation for those functions has been explained in notes.

Notes have been provided to give further information about how KC and/or other Kuali systems meet the requested RAS functionality. These notes have been developed with the understanding that while KC may provide the desired functionality, it may not do so in the way that USC has envisioned a function being implemented in a system (e.g., in the same way that current manual and/or automated systems currently perform the function at USC or the same way that USC has seen other systems perform at other institutions).

USC Research Administration Software

Requirements Group	Sub-group topic	RAS Process ID	Issue ID	RAS Required Functionality	Out of the Box?	Kuali Module	KC Release	Validated (KC Test Drive 3.1)	Validation Notes	General Notes
Post-award	Post-award Admin/Acctg.	2.7	3.8.2	Accurately post and account for recovery of F&A, including ability to specify multiple indirect cost rates (including collection of undercharged F&A after budget changes are completed).	Yes	KC-Award	3.1	7/26/2011	Testing validated that F&A total costs and unrecovered costs can be entered for budget periods.	KC allows for on and off campus indirect rates to be used within an award for different fiscal years or periods; however, KFS allows only one indirect rate for each account. More research needs to be done to determine how USC needs to track these costs.
Post-award	Post-award Admin/Acctg.	2.7	3.8.7	Timely (preferably real-time, but no later than 24 hours beyond posting a transaction) and accurate accounting of all financial transactions related to an award, sub award, or subcontract.	Yes	KFS-GL	Not applicable	Not available for testing		
Post-award	Post-award Admin/Acctg.	2.7	3.8.8	Encumber pending charges based on purchase orders, procurement card purchases and other foreseeable expenses.	Yes	KFS-GL	Not applicable	Not available for testing		
Post-award	Post-award Admin/Acctg.	2.7	3.8.13	Financial projections for both individual projects and for groups of projects for individual investigators, departments, centers or schools. Ability to modify budgets based on projects.	Yes	KFS	Not applicable	Not available for testing		
Post-award	AR & Billing	2.8	3.9.1	Module that is capable of contract billing, grant letter of credit drawdown, and receipt of cash (i.e. an A/R module).	Yes	KFS-CGB	Not applicable	Not available for testing		
Post-award	AR & Billing	2.8	3.9.2	Record sponsor billing contact information.	Yes	KC-Award	3.1	7/26/2011	Testing validated that sponsor contacts can be entered on under the Sponsor Contacts section of the Contacts page in the award, and a project role can be associated with each contact.	
Post-award	AR & Billing	2.8	3.9.3	Generate aging reports.	Yes	KFS	Not applicable	Not available for testing		
Post-award	AR & Billing	2.8	3.9.4	Record history of what was awarded compared to what was expended.	Yes	KFS	Not applicable	Not available for testing		
Post-award	AR & Billing	2.8	3.9.5	Record history of original budget compared to revised budgets.	Yes	KC-Award	3.1	7/27/2011	Testing validated that multiple budget versions are available from the award.	