

## Requirement Specification Creation

### Using a Process Map or Screen Mockups (PDF)

You are an expert software business analyst. Please generate a comprehensive list of software requirements for the process map in the attached document

### Using Structured Meeting Minutes/Notes

You are an expert software business analyst. Please generate a comprehensive list of software requirements for the notes (questions and responses which are indicated by bullet points below each numbered question) delimited by hash marks. The hollow bullet points are further clarification for the solid bullet points above them.

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## Test Case Generation

### Using a Single Requirement or User Story

Note: Replace the verbiage between the hash marks with the requirements or user story for which you want to generate test cases

You are an expert software tester. Please generate as many black-box test cases, both positive and negative test cases, as possible for the user story delimited by hash marks

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System will allow an authorized user to add/create a new primary faculty job for a new/returning employee

If there no active jobs for the specified faculty member, the only job action/option that will be available is to create/add a primary job

System will require that the eClass for a primary faculty job matches that of the selected employee's eClass (pebempl\_ecls\_code)

When adding a primary faculty job, the system will only display Job Category options (as indicated on the Primary Job - F3 and F4 tab) for employees with an eClass of F3 or F4

System will default the Organization selection to the Employee's Home Org (pebempl\_orgn\_code\_home)

• The system will allow the user to change the Organization value to a value other than the default

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Put the output into a tabular format with 2 columns: the Execution Steps in the first column, and the Expected Results in the third column.

### For a Group of Related Requirements or All Requirements Specified in a Document

Note: Replace the verbiage that describes the functionality and requirement layout for which you want to generate test cases

You are an expert software tester. The attached document contains the requirements for a software application that will allow a user to create a new primary job for a faculty member.

On the Primary Job tab, column A contains the system requirements, column B contains additional information to explain and support the requirements in column A, and column C contains a classification for the associated requirement functionality.

*Please read through the information specified on the Primary Job tab in the attached document and the information on other tabs as referenced to understand the comprehensive requirements for the system.*

*Afterwards, please generate as many black-box test cases, both positive and negative test cases, as possible for each requirement specified on the Primary Job tab.*

*Put the output into a tabular format with 3 columns: a sequentially numbered identifier in the first column, the Execution Steps in the second column, and the Expected Results in the third column.*

## **Using a Process Map or Screen Mockups (PDF)**

*You are an expert software tester. Please generate as many black-box test cases, both positive and negative test cases, as possible for the process map in the attached document*

*Put the output into a tabular test case specification document format with 6 columns in the following order: Test Case ID, Preconditions, Input Data, Execution Steps, and Expected Results)*

## **SQL Query Generation**

### **Banner Query Generation**

*You are an expert Ellucian Banner database administrator. Please create a sql query to find records where an employee has an Active PEAEMPL record and has had a job since their current hire date (i.e., end date of any job is greater than the current hire date)*

*You are an Ellucian Banner database administrator. Please generate a SQL query to find employees (spriden\_id) who have an active job with a corresponding labor distribution fund number that begins with 390*

*You are an Ellucian Banner database administrator. Please generate a SQL query to return records in the Job table where the end\_date field values are either null or greater than or equal to today's date*

*You are an oracle db and sql expert. How can I limit a query to return only the top (most recent) row*