OVPEA External Opportunities Matching System

Test Plan

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1. **Introduction**

One of the tasks of OVPEA is external opportunities matching, which caters to the needs of both the company and the students. The external opportunities can be student exchange programs, which fall under the education domain. These can also be job expositions, and internship programs, which fall under the career domain. As well as youth development and growth programs, under the government domain.

The external opportunity matching, which is specifically handled by the career services department of the OVPEA, includes the collating of lists of external opportunities coming from the Office of Counseling and Career Services (OCCS) and External Relations and Internationalization Office (ERIO), checking the qualifications of the external opportunities, screening and filtering the external opportunities, matching the external opportunities to specific colleges they are applicable to, publicizing these external opportunities to the student body, and tracking and redirecting students to other external opportunities if they were able to get the opportunities they have applied to.

1. **Objective**

* To find any possible defects left out by the analysts/developers.
* To ensure end results meet the system requirements specification
* To deliver the software to the customer with ensured quality

1. **Scope**
   1. *Functions to be tested*
      1. GUI
      2. Reports Output/Data
2. **References**
3. **Testing Process Overview**
   1. *Test Process*

Understanding Requirements:

* Requirement specifications will be sent by the client.
* Understanding of requirements will be done by QAs along with the team’s analysts and developers
* Respective lead and developer and queries are raised if any.

Preparing Test Cases:

QA will be preparing test cases based on the decided user stories to be presented on each iteration.

* 1. *Data Creation for testing*

QA will create test data on development site for scenarios based on client’s requirements specifications. QA will use the username “12345678” and password “p@ssword” for testing.

1. **Test Strategy**
   1. *Testing Type*
      1. Black box Testing
      2. GUI Testing
      3. Functional Testing
      4. Integration Testing
      5. User acceptance Testing
   2. *Tools*

|  |  |  |
| --- | --- | --- |
| Tool Name | Vendor | Version |
| MySQL Server | MySQL | 5.7 or later |

1. **Control Procedure**
   1. *Reviews:*

Reviews will be done on following documents and review report will be prepare for each work products

* Test Cases

1. **Entry Criteria**
   1. The whole source code must be unit tested H/W and S/W should be in place
   2. QA resources have completely understood the requirements
   3. QA resources have sound knowledge of functionality in Reports
   4. Reviewed test scenarios and test cases.
2. **Suspension Criteria**
   1. The build contains many serious defects which seriously or limit testing progress
   2. Significant change in requirements suggested by client
3. **Resumption Criteria**
   1. Resumption will only occur when the problem(s) that caused the caused the suspension have been resolved
4. **Exit Criteria**
   1. No defects over a period of time or less testing efforts
   2. All the high priority/severity test cases has been executed
   3. Deliverables are ready
   4. High severity/ priority bugs are fixed
5. **Risk**
   1. Delay in delivery of test items might require increased night shift scheduling to meet the delivery date
   2. Understanding requirements
   3. Domain and project knowledge
6. **Acronyms**
   1. GUI: Graphical User Interface