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| Central Queensland University, Sydney |
| Test Plan  Rotary Youth Drive Awareness Project |
| COIT20273: Software Design and Development Project |
|  |
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| **Due date: 9/22/2017** |

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# 1. Test Plan Objective

The document is to track the necessary information required to effectively define the approach to be used in the testing of the project’s product. The intended audience is the project manager, project team and testing team. Some portion of the document may be shared with user and other stakeholder as per need.

# 2. Test risks/issues

There are possible factors which may impact UA testing process. Below are some of the list:

* Impacts on client
* Complexity of functionality
* Inaccurate time estimates
* Insufficient resources
* Improper training
* Unstable test environment

# 3. Assumptions

Following are the assumptions before we make acceptance test

* All necessary software is installed in the desktop
* Proper test environment is setup
* Various devices are provided to test
* Test data are provided to every tester

# 4. Scope

## 4.1 In Scope

Every requirement in Requirement Specification document are in scope for testing.

## 4.2 Out of Scope

Anything not listed in the Requirement Specification document are out of scope for testing.

# 5 Test environment

## 5.1 Test desktops

Every participant will be given the checklist to verify an access to every page and forms.

## 5.2 Test data

Test data are imported to the testing database.

# 6 Test Schedule

Testing is scheduled on 24th September and is expected to be finished by 26th September.

# 7 Test cases

All the test cases are listed below:

## 7.1 UA Test Guidance

* Go to the link <http://localhost:8080/RYDA>

## 7.2 UA Test Checklist – User

### 7.2.1 Home page

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case name:** Home page  **Reference:** <http://localhost:8080/RYDA> | | | |
| **Task or requirement** | **Fail** | **Pass** | **Comment** |
| Home page of the application with menu on top-right |  |  |  |
| Down arrow to slide to next section |  |  |  |
| Fill in the form with personal detail |  |  |  |
| List of quiz in a block with an “Attempt” button on top of each quiz |  |  |  |

### 7.2.2 Attempt Quiz

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case name:** Attempt Quiz  **Reference:** <http://localhost:8080/RYDA/attemptQuiz.xhtml> | | | |
| **Task or requirement** | **Fail** | **Pass** | **Comment** |
| As student select the quiz, the quiz name will be displayed on top |  |  |  |
| List of questions linked to quiz |  |  |  |
| List of possible answer to individual question |  |  |  |
| “Submit” button to click and move to the next page |  |  |  |

### 7.2.3 Quiz Result

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case name:** Quiz Result  **Reference:** <http://localhost:8080/RYDA/quizResult.xhtml> | | | |
| **Task or requirement** | **Fail** | **Pass** | **Comment** |
| After submit button is clicked, student should see the same set of question and answers which they attempted |  |  |  |
| The answer cannot be edited |  |  |  |
| Confirmation if answer is right or wrong |  |  |  |
| “Submit” button to click and move to the next page |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **UAT completed by:** |  | **Date Completed:** |  |
| **Test Browser:** |  | **Version:** |  |
| **Test case outcome:**  *Highlight appropriate outcome* | **Satisfactory / Pending clarification / Return to developers** | | |

## 7.3 UA Test Checklist – Admin

### 7.3.1 Login

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case name:** Login  **Reference:** <http://localhost:8080/RYDA/admin/login.xhtml> | | | |
| **Task or requirement** | **Fail** | **Pass** | **Comment** |
| Successful login to the system using the given User credential.  Username: admin  Password: admin+123 |  |  |  |

### 7.3.2 Dashboard Display

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case name:** Dashboard Display  **Reference:** <http://localhost:8080/RYDA/admin/index.xhtml> | | | |
| **Task or requirement** | **Fail** | **Pass** | **Comment** |
| List of menu on the left-hand side |  |  |  |
| Main dashboard contains all possible options to create and view Quiz, Question, User and Report |  |  |  |

### 

### 7.3.3 Create Quiz

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case name:** Login  **Reference:** <http://localhost:8080/RYDA/admin/quiz.xhtml> | | | |
| **Task or requirement** | **Fail** | **Pass** | **Comment** |
| Enter the desired Quiz name |  |  |  |
| “Save” button to save the Quiz name and redirects to quiz List page |  |  |  |

### 7.3.3 View Quiz

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case name:** View Quiz  **Reference:** <http://localhost:8080/RYDA/admin/quiz-list.xhtml> | | | |
| **Task or requirement** | **Fail** | **Pass** | **Comment** |
| On Quiz list page, click “View” button to view quiz details |  |  |  |
| Display all detail of quiz user want to view |  |  |  |

### 7.3.4 Delete Quiz

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case name:** Delete Quiz  **Reference:** <http://localhost:8080/RYDA/admin/quiz-list.xhtml> | | | |
| **Task or requirement** | **Fail** | **Pass** | **Comment** |
| On Quiz list page, click “Delete” button to delete quiz |  |  |  |
| Once deleted, the page should show the list of Quiz |  |  |  |

### 7.3.5 Create Question

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case name:** Create Question  **Reference:** <http://localhost:8080/RYDA/admin/question.xhtml?quizId=QUIZID> | | | |
| **Task or requirement** | **Fail** | **Pass** | **Comment** |
| Drop down should have the list of quiz name |  |  |  |
| Enter the desired question to be linked to the selected quiz |  |  |  |
| Enter the hint to the question |  |  |  |
| “Save” button to save the Question and redirects to same page to setup answers for the question |  |  |  |
| Answer should be provided as many desired and click save |  |  |  |
| For the correct answer, “Is Correct” option should be selected |  |  |  |
| On click “Save” button, page should redirect to same page and list of answer should be displayed for that question |  |  |  |
| For correct answer, “true” should be displayed in “Is Correct” column and rest of the answer should be “false” |  |  |  |

### 7.3.6 View Answer

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case name:** View Answer  **Reference:** <http://localhost:8080/RYDA/admin/answer-details.xhtml> | | | |
| **Task or requirement** | **Fail** | **Pass** | **Comment** |
| Question list page has list of answer and when user click on “View” button to view answer detail should be displayed |  |  |  |

### 7.3.7 View Question

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case name:** View Question  **Reference:** [http://localhost:8080/RYDA/admin/question-list.xhtml](http://localhost:8080/RYDA/admin/question-list.xhtml%20) | | | |
| **Task or requirement** | **Fail** | **Pass** | **Comment** |
| On question page, click “View” button |  |  |  |
| The page should display the detail of the question selected |  |  |  |

### 7.3.8 Delete Question

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case name:** Delete Question  **Reference:** <http://localhost:8080/RYDA/admin/question-list.xhtml> | | | |
| **Task or requirement** | **Fail** | **Pass** | **Comment** |
| On Question list page, click “Delete” button to delete question |  |  |  |
| Once deleted, the page should show the list of question |  |  |  |

### 7.3.9 Create User

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case name:** Create User  **Reference:** <http://localhost:8080/RYDA/admin/user.xhtml> | | | |
| **Task or requirement** | **Fail** | **Pass** | **Comment** |
| Enter the desired First name, Middle name, Last name, Email, Phone number, Usename and password for new user |  |  |  |
| “Save” button to save the user and redirects to user list page |  |  |  |

### 7.3.10 View User

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case name:** View User  **Reference:** <http://localhost:8080/RYDA/admin/user-list.xhtml> | | | |
| **Task or requirement** | **Fail** | **Pass** | **Comment** |
| On User list page, click “View” button to view user details |  |  |  |
| Display all detail of user |  |  |  |

### 7.3.11 Delete User

|  |  |  |  |
| --- | --- | --- | --- |
| **Test case name:** Delete Quiz  **Reference:** <http://localhost:8080/RYDA/admin/user-list.xhtml> | | | |
| **Task or requirement** | **Fail** | **Pass** | **Comment** |
| On User list page, click “Delete” button to delete user |  |  |  |
| Once deleted, the page should show the list of User |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **UAT completed by:** |  | **Date Completed:** |  |
| **Test Browser:** |  | **Version:** |  |
| **Test case outcome:**  *Highlight appropriate outcome* | **Satisfactory / Pending clarification / Return to developers** | | |