# **Testing Plan**

The test-plan is basically a list of testcases that need to be run on the system. Some of the testcases can be run independently for some components (report generation from the database, for example, can be tested independently) and some of the testcases require the whole system to be ready for their execution. It is better to test each component as and when it is ready before integrating the components.

# **Login Test Plans**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Testcase Title** | **Description** | **Expected Outcomes** | **Result** |
|  | Successful User Verification | The login to the system should be tried with the login assigned by the user and the correct password | Login should be successful and the user should enter in to the system | Passed |
|  | Unsuccessful User Verification due to wrong password | Login to the system with a wrong password | Login should fail with an error ‘Invalid Password’ | Failed |
|  | Unsuccessful User Verification due to invalid login id | Login to the system with an invalid login id | Login should fail with an error ‘Invalid user id’ | Failed |
|  | Successful to remember username | Using cookies verified username is remembered by the system for 3 days | Used to help faster login facility to the user | Passed |
|  | Unsuccessful to remember username | If email is not verified then cookie will not be created | Unable to remember the username | Failed |

# **Forgot Password Test Plans**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Testcase Title** | **Description** | **Expected Outcomes** | **Result** |
|  | Successful User Verification | Forgot password will only works on the registered users with the system | Email verification should be successful | Passed |
|  | Unsuccessful User Verification due to invalid login id | If user is not registered with the system. Wrong email provided | Process should be failed with “Invalid email” error. | Failed |
|  | Successful for valid captcha code | Captcha code is for the security purpose | It will help to render to change password | Passed |
|  | Unsuccessful captcha code | Failed to provide valid captcha, not moving further | Process failed with “Invalid captcha” error | Failed |
|  | Successful confirm password verification | Confirm password should matched with new password | Changing password should be succeed | Passed |
|  | Unsuccessful confirm password verification | Confirm password is not matched with the new password | Process failed with “Password is not matching” error | Failed |

# **Registration Test Plans**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Testcase Title** | **Description** | **Expected Outcomes** | **Result** |
|  | Successful User Verification with new email | When user is new to the system | User is registered successfully in the system | Passed |
|  | Unsuccessful User Verification due to Existing email | User is not allowed to provide the same email to register | Process should be failed with “Email already exists” error. | Failed |
|  | Successful for Filling required fields | User have to provide all the required fields in the form | Process successful if user fill all required fields | Passed |
|  | Unsuccessful for filling required fields | Failed to insert if required fields are empty, | Process failed with “This field is required” error | Failed |

# **Personal Details Test Plans**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Testcase Title** | **Description** | **Expected Outcomes** | **Result** |
|  | Successful User Verification with new email | User have to register their email with the system first | User is registered successfully in the system | Passed |
|  | Unsuccessful User Verification due to email is not registered | User is not allowed to access directly this page without registering | Process should be failed with “Registration error” error. | Failed |
|  | Successful for Filling required fields | User have to provide all the required fields in the form | Process successful if user fill all required fields | Passed |
|  | Unsuccessful for filling required fields | Failed to insert if required fields are empty, | Process failed with “This field is required” error | Failed |

# **Educational details Test Plans**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Testcase Title** | **Description** | **Expected Outcomes** | **Result** |
|  | Successful User Verification with new email | User have to register their email with the system first | User is registered successfully in the system | Passed |
|  | Unsuccessful User Verification due to email is not registered | User is not allowed to access directly this page without registering | Process should be failed with “Registration error” error. | Failed |
|  | Successful for Filling required fields | User have to provide all the required fields in the form | Process successful if user fill all required fields | Passed |
|  | Unsuccessful for filling required fields | Failed to insert if required fields are empty, | Process failed with “This field is required” error | Failed |

# **Project Detail Test Plans**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Testcase Title** | **Description** | **Expected Outcomes** | **Result** |
|  | Successful User Verification with new email | User have to register their email with the system first | User is registered successfully in the system | Passed |
|  | Unsuccessful User Verification due to email is not registered | User is not allowed to access directly this page without registering | Process should be failed with “Registration error” error. | Failed |
|  | Successful for Filling required fields | User have to provide all the required fields in the form | Process successful if user fill all required fields | Passed |
|  | Unsuccessful for filling required fields | Failed to insert if required fields are empty, | Process failed with “This field is required” error | Failed |

# **Work Experience Test Plans**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Testcase Title** | **Description** | **Expected Outcomes** | **Result** |
|  | Successful User Verification with new email | User have to register their email with the system first | User is registered successfully in the system | Passed |
|  | Unsuccessful User Verification due to email is not registered | User is not allowed to access directly this page without registering | Process should be failed with “Registration error” error. | Failed |
|  | Successful for Filling required fields | User have to provide all the required fields in the form | Process successful if user fill all required fields | Passed |
|  | Unsuccessful for filling required fields | Failed to insert if required fields are empty, | Process failed with “This field is required” error | Failed |

# **Achievement Detail Test Plans**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Testcase Title** | **Description** | **Expected Outcomes** | **Result** |
|  | Successful User Verification with new email | User have to register their email with the system first | User is registered successfully in the system | Passed |
|  | Unsuccessful User Verification due to email is not registered | User is not allowed to access directly this page without registering | Process should be failed with “Registration error” error. | Failed |
|  | Successful for Filling required fields | User have to provide all the required fields in the form | Process successful if user fill all required fields | Passed |
|  | Unsuccessful for filling required fields | Failed to insert if required fields are empty, | Process failed with “This field is required” error | Failed |

# **Admin Details Test Plans**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Testcase Title** | **Description** | **Expected Outcomes** | **Result** |
|  | Successful Admin Verification | The login to the system should be tried with the login assigned by the system and the correct password | Login should be successful and the Admin should enter in to the system | Passed |
|  | Unsuccessful Admin Verification due to wrong password | Login to the system with a wrong password | Login should fail with an error ‘Invalid Password’ | Failed |
|  | Unsuccessful Admin Verification due to invalid login id | Login to the system with an invalid login id | Login should fail with an error ‘Invalid Admin id’ | Failed |
|  | Successful to remember username | Using cookies verified username is remembered by the system for 3 days | Used to help faster login facility to the user | Passed |
|  | Unsuccessful to remember username | If email is not verified then cookie will not be created | Unable to remember the username | Failed |

# **Forgot Password for admin Test Plans**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Testcase Title** | **Description** | **Expected Outcomes** | **Result** |
|  | Successful Admin Verification | Forgot password will only works on the registered admins with the system | Email verification should be successful | Passed |
|  | Unsuccessful admin Verification due to invalid login id | If admin is not registered with the system. Wrong email provided | Process should be failed with “Invalid email” error. | Failed |
|  | Successful for valid captcha code | Captcha code is for the security purpose | It will help to render to change password | Passed |
|  | Unsuccessful captcha code | Failed to provide valid captcha, not moving further | Process failed with “Invalid captcha” error | Failed |
|  | Successful confirm password verification | Confirm password should matched with new password | Changing password should be succeed | Passed |
|  | Unsuccessful confirm password verification | Confirm password is not matched with the new password | Process failed with “Password is not matching” error | Failed |