**CampusPin App --- Sign Up Function Unit Test**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| No. | Test Cases | Feature | Description | Steps To Execute | Test Data/Input | Expected Results | Actual Result |
| 1 | TC-001 | User Interface | Check all the Edit boxes, ImageView, buttons etc | Click switch account button, Click the Edit boxes, and all the buttons |  | 1.UI should look good.  2.Edit boxes should be able to input words.  3.Buttons should be able to click. | UI looks good.  Edit boxes can input words.  Buttons can be clicked |
| 2 | TC-002 | Required fields | Check the required fields by not filling any data | 1. Do not enter any value in the field 2. Click on Signup button | Leave Blank | show proper error message | Show error message “Fields are empty” |
| 3 | TC-003 | Log in | Filling in valid data | 1. Enter valid values in email and password fields 2. Click on Signup button | [test@gmail.com](mailto:test@gmail.com)  mytest | 1. User should be register successfully 2. successful registration message 2. 3. Mail should send to the user | 1. User successfully log in  2.Shows “Registered Successfully”  3.No implemented yet |
| 4 | TC-004 | Email validation | — Check the Email text field that has Email address without @ symbol. — Check the Email text field that has random string instead of real email. — Check the Email text field that has @ symbol written in words. — Check the Email text field that has missing dot in the email address. | 1. Enter Invalid Emails 2. Click on Signup Button | 1. testAtgmail.com  mytest 2. test@gmailcom  mytest 3. test@gmail  mytest 4. @gmail  mytest | It should show the proper error message for all the tests | All tests show error message  “Register Failed. Please try again......” |
| 5 | TC-005 | Password validation | Check the password limit when enter value less than min | 1. Enter value which is less than 6 2. Click on signup button | 1.test@gmail.com  Pass  1234 | It should show proper error message | All tests show error message  “Register Failed. Please try again......” |
| 6 | TC-006 | Password validation | Check the password limit when enter value greater than max | 1. Enter value which is more than 32 2. Click on signup button | 1. redhatisgood434adasdasdasd3243dsadadsad432423 | It should show proper error message | All tests show error message  “Register Failed. Please try again......” |

**CampusPin App --- Log In Function Unit Test**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| No. | Test Cases | Check Item | Test Case Objective | Steps To Execute | Test Data/Input | Expected Results | Actual Result |
| 1 | TC-001 | User Interface | Check all the text boxes, and buttons | 1.UI should look good.  2.Edit boxes should be able to input words.  3.Buttons should be able to click. |  | UI looks good.  Edit boxes can input words.  Buttons can be clicked | UI looks good.  Edit boxes can input words.  Buttons can be clicked |
| 2 | TC-002 | User Login | Invalid user name | 1. Enter invalid username 2. Enter correct password 3. Click on Login Button | 1. testAtgmail.com  mytest 2. test@gmailcom  mytest 3. test@gmail  mytest 4. @gmail  mytest | User should not login and should show proper error message, like “Invalid Username” | Show a warning “Sign In Problem” |
| 3 | TC-003 | User Login | Check When pass correct username and invalid password | 1. Enter valid username 2. Enter incorrect password 3. Click on Login Button | [test@gmail.com](mailto:test@gmail.com)  my | User should not login and should show proper error message, like “Invalid Password” | Show a warning “Sign In Problem” |
| 4 | TC-004 | User Login | Check Keeping Password blank | 1. Enter valid username 2. Do not enter password 3. Click on Login Button | 1. testAtgmail.com  2. test@gmailcom  3. test@gmail  4. @gmail | User should not login and should show proper error message | Show a warning “Sign In Problem” |
| 5 | TC-005 | User Login | Check when pass correct email and password | 1. Enter valid username 2. Enter valid password 3. Click on Login Button | 1.test@gmail.com  mytest | User should login in successfully | 1. User successfully log in  2.Shows “Registered Successfully” |
| 7 | TC-007 | Signup Option for new users | Check whether the signup link for new user is working | Click Signup button |  | Clicking signup link takes user to signup page successfully | takes user to signup page successfully |