**Test Cases – Iteration 1**

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| **S/N** | **Functionality** | **Description** | **Test Inputs** | **Test Procedure** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1 | Login | Validation of student is logged in will be successfully when they enter the correct for both email id and password. | Email Id: sean.tan.2011  Password: asdf0000 | Enter student id and password into input text fields provided at the login menu. | Login successful.  Welcome page is displayed. | Student is logged in |  |
| 2 | Login | Validation of student is not logged in will be successfully when they enter the incorrect email id and correct password. | Email Id: abcdefg  Password: asdf0000 | Enter student id and password into input text fields provided at the login menu. | Login unsuccessful.  Re-directs the student to login page. An error message will be displayed and student is asked to re-enter email and password. | Wrong email id/password error message is alerted to the student |  |
| 3 | Login | Validation of student is not logged in will be successfully when they enter the correct email id and incorrect password. | Email Id: sean.tan.2011  Password: abcdefgh | Enter student id and password into input text fields provided at the login menu. | Login unsuccessful.  Re-directs the student to login page. An error message will be displayed and student is asked to re-enter email and password. | Wrong email id/password error message is alerted to the student |  |
| 4 | Login | Validation of student is not logged in will be successfully when they leave email id empty and enter correct password. | Email Id:  Password: asdf0000 | Leave the student id empty and enter the password into input text fields provided at the login menu. | Login unsuccessful.  Re-directs the student to login page. An error message will be displayed and student is asked to re-enter email and password. | Wrong email id/password error message is alerted to the student |  |
| 5 | Login | Validation of student is not logged in will be successfully when they enter the correct email id and leave the password empty. | Email Id: sean.tan.2011  Password: | Enter student id and leave the password empty in the input text fields provided at the login menu. | Login unsuccessful.  Re-directs the student to login page. An error message will be displayed and student is asked to re-enter email and password. | Wrong email id/password error message is alerted to the student |  |
| 6 | Login | Validation is successful when student has been logged in before re-direction to the welcome.jsp. | ……/SMUA/home.jsp | Enter “welcome.jsp” in the url of a browser. | Student will be redirected to the login page. | Student is redirected back to the login page |  |
| 7 | Logout | Validation is successful when logged in student is successfully logged out. | Student clicks on the ‘Logout’ button | Student has successfully logged in and clicks on the logout button. | Logout is successful.  Student is redirected to login page. | Student is redirected back to login page. |  |