
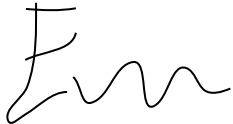


TutorPoint Integration & Testing Report - Iteration 1

Information

Testing Manager Name	Testing Manager Signature	Charters	Date of Testing
Daniel Bishop		<ol style="list-style-type: none">1. Validate functionality of login screen.2. Validate function of register screen.3. Verify functionality of whiteboard module pen.	06/03/2020
Eric Walker			

Preliminary Notes

- User stories 008 and 009 cannot undergo exploratory testing due to the modules currently being inaccessible from the home screen.
 - They will continue to be integrated with the master branch as the performance is not affected, however will remain in exploratory testing on the project management Trello board and will be tested once accessible at a later iteration.

1. Login Screen Testing Results

Module Under Test	Test Performed	Expected Outcome	Observed Outcome	Test Passed (Y/N)	Error Level	Notes
LoginWindowController.java	Press register button	Opens register window	Opened register window	Y	1	Moving window prior to pressing button results in new window in default position.
LoginWindowController.java	Press login button with no data entered	Do not login, display appropriate error message in window	Did not login, displayed appropriate error message in window "Please Enter Username"	Y	-	
LoginWindowController.java	Press login button with valid username, but no password	Do not login, display appropriate error message in window	Did not login, displayed appropriate error message in window "Please Enter Password"	Y	-	
LoginWindowController.java	Press login button with valid (but not registered username and password) Username: "Eric" Password "EricPassword"	Do not login, display appropriate error message in window "user not registered / invalid username and password" etc.	Did not login, displayed appropriate error message in window "Wrong Username or Password"	Y	-	

LoginWindowController.java	Press login button with valid (and registered username incorrect password) Username: "James" Password "EricPassword"	Do not login, display appropriate error message in window "Wrong Username or Password"	Threw exceptions (and error message did not change)	N	3	"Caused by: java.lang.IllegalStateException: Can only start a Service in the READY state. Was in state SUCCEEDED" "at client/application.controller.LoginWindowController.loginButtonAction(LoginWindowController.java:97)"
LoginWindowController.java	Restart Launcher, repeat above test	Do not login, display appropriate error message in window "Wrong Username or Password"	Did not login, displayed appropriate error message in window "Wrong Username or Password"	Y	-	
LoginWindowController.java	Press login button with valid (but unregistered username and password that exists in database)	Should not login and display appropriate error message in window "Wrong Username or Password"	Didn't change, threw exceptions	N	3	Same exceptions as earlier.

	Username: "Eric" Password "qwerty" (belongs to user "James")	Password", but due to earlier discovered bug, should not change and throw exceptions				
LoginWindowController.java	Restart Launcher, repeat above test	Do not login, display appropriate error message in window "Wrong Username or Password"	Did not login, displayed appropriate error message in window "Wrong Username or Password"	Y	-	
LoginWindowController.java	Restart Launcher Login with Valid, registered account	Log in and move to main screen	Logged in and moved to main screen	Y	-	From here on, all tests preceded by restart.
LoginWindowController.java	Login with valid password, numbers in username Username: "Eric9"	Should accept username, but not login	Did so	Y	-	

	Password "qwerty"					
LoginWindowController.java	Login with valid password, non-alphanumerics in username Username: "Eric*" Password "qwerty"	Should not accept username, and display appropriate error message	Did not login, displayed appropriate error message in window "Wrong Username or Password"	Y	-	
LoginWindowController.java	Login with valid account, numbers in username "Eric2" and "password"	Log in and move to main screen	Logged in and moved to main screen	Y	-	
LoginWindowController.java	Attempt to log in with various possible escape and special characters.	Should not accept username, and display appropriate error message	Did not login, displayed appropriate error message in window "Wrong Username or Password"	Y	-	

LoginWindowController.java	Does 'Remember Me' button work? Login with checkbox ticked, then restart	Should autofill username	Does not autofill username	N	3	
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2. Register Screen Testing Results

Module Under Test	Test Performed	Expected Outcome	Observed Outcome	Test Passed (Y/N)	Error Level	Notes
ResgisterScreenController.java	Attempt to register as Daniel3 test@example.com P@55word Tutor box unchecked	Should add record to database with specified data	did add record to database with specified data	Y	-	Before each test, access register screen.
ResgisterScreenController.java	Attempt to register as Daniel 3 test@example.com P@55word Tutor box unchecked	Should Reject username with appropriate error message displayed	Accepted username	N	3	Notify technical managers.
ResgisterScreenController.java	Attempt to register with blank fields	Should reject attempt with	rejects attempt with error message "Please Enter Username"	Y	-	

		appropriate error message				
ResgisterScreenController.java	Attempt to register with just a valid username	Should reject attempt with appropriate error message	rejects attempt with error message "Please Enter Email"	Y	-	
ResgisterScreenController.java	Attempt to register with just a valid username and one email	Should reject attempt with appropriate error message	rejects attempt with error message "Emails Don't Match"	Y	-	
ResgisterScreenController.java	Attempt to register with just a valid username and mismatched emails	Should reject attempt with appropriate error message	rejects attempt with error message "Emails Don't Match"	Y	-	
ResgisterScreenController.java	Attempt to register with just a valid username and matched emails	Should reject attempt with appropriate error message	rejects attempt with error message "Please Enter Password"	Y	-	

ResgisterScreenController.java	Attempt to register with just a valid username and matched emails and one password	Should reject attempt with appropriate error message	rejects attempt with error message "Passwords Don't Match"	Y	-	
ResgisterScreenController.java	Attempt to register with just a valid username and matched emails and mismatched passwords	Should reject attempt with appropriate error message	rejects attempt with error message "Passwords Don't Match"	Y	-	
ResgisterScreenController.java	Attempt to register with invalid email and valid others	Should reject attempt with appropriate error message	Threw exceptions	N	3	Caused by: java.lang.IllegalStateException: Can only start a Service in the READY state. Was in state SUCCEEDED at javafx.graphics/javafx.concurrent.Service.start(Service.java:654)

						at client/application.controller.RegisterWindowController.signUpButtonAction(RegisterWindowController.java:113) ... 57 more
ResgisterScreenController.java	Restart and repeat above test	“	Accepted, added to database	N	3	Doesn't validate email field.
ResgisterScreenController.java	Attempt to register with invalid email and valid others	Should reject attempt with appropriate error message	Accepted, added to database	N	3	Doesn't validate password field.
ResgisterScreenController.java	Verify tutor property is passed in; Create two accounts, one a tutor one not	Should create two accounts with tutor field reflecting choices	Does so	Y	-	

ResgisterScreenController.java	Verify username uniqueness requirement; Create account with same username as previous account	Should reject attempt with appropriate error message	Almost does so “Wong username or Password”	N	4	Inappropriate error message.
ResgisterScreenController.java	Verify email uniqueness requirement; Create account with same email as previous account	Should reject attempt with appropriate error message	Accepts attempt	N	4	
ResgisterScreenController.java	Verify back button functions	Should return to login screen	Does	Y	-	

3. Whiteboard Screen Testing Results

Module Under Test	Test Performed	Expected Outcome	Observed Outcome	Test Passed (Y/N)	Error Level	Notes
WhiteboardWindowController.java	Attempt to draw a line	Line should be drawn on whiteboard	Line is drawn on whiteboard	Y	-	Before all tests, access whiteboard screen (no way to return to main).
WhiteboardWindowController.java	Attempt to draw a line not in whiteboard space	Line should not be drawn	Line is not drawn	Y	-	
WhiteboardWindowController.java	Attempt to draw a line from whiteboard, to off whiteboard and back on	Line should be drawn on whiteboard, both before leaving and after returning to whiteboard, but not off whiteboard	Line is drawn on whiteboard, both before leaving and after returning to whiteboard, but not off whiteboard	Y	-	Note: console output indicates coordinates still being recorded outside of whiteboard and outside of window.