

Unit Test Document

CAR POOLING SOFTWARE

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Car Pooling

Unit Test

Module under test: Login

Developed /Executed By: Muhamad Wajahat/ Luqman Ghani

Execution Date: 12-4-2013

Application Version:

Test Case ID	Test Description	Input Values	Expected Result	Status(Pass/Fail)	Actual Result	Comments
1	Wrong Password	Some correct username with any password	Display error of wrong password	Pass	Displayed Error	Working
2	Wrong Username	Wrong username, any password	Display error of user not exist	Pass	Displayed Error	Working
3	Username and password correct	Correct Username and password	Successful Login and redirection to Home	Pass	Logged in Successfully	Working

Unit Test

Module under test: Advertise Lift

Developed /Executed By:

Execution Date:

Application Version:

Test Case ID	Test Description	Input Values	Expected Result	Status(Pass/Fail)	Actual Result	Comments
1	Correct form advertising	Fill the form completely	Lift should be added to the database			
2	Incomplete form advertising	Leave some of the required fields empty	The system should not allow to submit the form			
3	Wrong values in the form	Fill the fields with some invalid content/ invalid format	The system should prompt the user to enter input in correct format			

Unit Test

Module under test: Update Profile

Developed /Executed By:

Execution Date:

Application Version:

Test Case ID	Test Description	Input Values	Expected Result	Status(Pass/Fail)	Actual Result	Comments
1	Complete Profile update	Fill the form completely with appropriate	Profile information should be updated accordingly			
2	Selective Fields update	Fill in only some fields of the profile	The selected fields should be updated, others should remain same			
3	Invalid input format check	Try to input invalid values in a fields	User notified of the incorrect format of input (Submit disabled)			

Unit Test

Module under test: Search Lift

Developed /Executed By:

Execution Date:

Application Version:

Test Case ID	Test Description	Input Values	Expected Result	Status(Pass/Fail)	Actual Result	Comments
1	Full Specified Search	Completely filled preference form	A ranked results page with score based on field match			
2	Partially specified search	Fill in only the fields of choice	Results matching the fields specified and other fields taken as don't care			
3	Search with all fields empty	Try to submit the blank preference form	Submit should be disabled until at least the required fields are filled in			

Unit Test

Module under test: Modify Lift

Developed /Executed By:

Execution Date:

Application Version:

Test Case ID	Test Description	Input Values	Expected Result	Status(Pass/Fail)	Actual Result	Comments
1	Modification by Lift Member	Lift Member (not the car owner) tries to modify lift	System should not allow the lift to be modified (disabled)			
2	Modification by Lift Provider	Lift Provider tries to modify his lift	The lift details should become editable for modification			
3	Modification Aftermath	The lift was modified by the Lift Provider	If the Lift has members associated with it, notify them of the change			

Unit Test

Module under test: Apply to Lift

Developed /Executed By:

Execution Date:

Application Version:

Test Case ID	Test Description	Input Values	Expected Result	Status(Pass/Fail)	Actual Result	Comments
1	Application by a potential candidate	A user with profile matching to the preference of the lift provider applies to the lift	System should allow him to apply, system should update database accordingly			
2	Application by not a potential candidate	User with profile not matching the preferences of the lift provider applies to the lift	System should notify the user about its ineligibility			
3	Application to a Lift twice	A user applies to a lift that he/she has already applied for	System should notify about the fact that this lift has already been applied for			
4	Selection of applications by the Lift Provider	Lift Provider should be able to select the applications that	System should allow the Lift Provider to select			

		he wants to accept as Lift Members	applications as long as the selections are not more than the capacity in vehicle			
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Type of test case: Unit Test

Cancel a lift

Developed /Executed By:

Execution Date:

Application Version:

Test Case ID	Test Description	Input Values	Expected Result	Status(Pass/Fail)	Actual Result	Comments
1	Cancellation by Lift Member	Lift Member cancels a lift in his Lifts	The Lift member should be removed from that specific lift and Lift Provider be notified about it			
2	Cancellation by a Lift Provider	Lift provider cancels a lift that he/she owned	Lift should be removed from the available lifts database and all the Members associated with it should be notified			
3	Check if user still exists in trip list after cancelling trip		User should be removed from the specific trip after their cancellation			
4	Check if a Lift still exists in Users Lift		The Lifts that have been cancelled should be removed from the Lifts of the members			

Unit Test

Confirm a trip

Developed /Executed By:

Execution Date:

Application Version:

Test Case ID	Test Description	Input Values	Expected Result	Status(Pass/Fail)	Actual Result	Comments
1	Verify if confirmation page opened correctly		Confirmation page is displayed when the option is selected.			
2	Check updated state when confirmation is made		If user has confirmed a trip, they should be notified that the confirmation has been recorded			
3	Check date of trip and verify if confirmation made yet or not		If trip has not been confirmed yet, the state would not have been updated thus a notification			

			would be sent to the user. If user has made confirmation already, this test just verifies the change before the trip actually takes place.			

Type of test case: Unit Test

Show All Lifts

Developed /Executed By:

Execution Date:

Application Version:

Test Case ID	Test Description	Input Values	Expected Result	Status(Pass/Fail)	Actual Result	Comments
1	Search through all segments of managing lifts and verify before returning all valid trips		Only display all confirmed and planned trips of a user. The Test should weed out all cancelled and deleted trips of the user.			

Type of test case: Unit Test

Ratings

Developed /Executed By: Hasan Abbas

Execution Date: 13/04/13

Application Version:

Test Case ID	Test Description	Input Values	Expected Result	Status(Pass/Fail)	Actual Result	Comments
1	Check to see if any other page opens if one of three options chosen in Ratings section		“Rate Partners”, “Hall of Fame” & “Check Own Rating” should lead to their own pages and not to any other pages (avoid code error)			
2	If “Rate Partner” chosen, check if all trip partners are loaded. Search all		There should be a list of trips the user has undertaken with each trip partner			

	completed trips, user was affiliated with.		mentioned under the respected trip who can then be rated.			
3	Compare each member in list “Hall of Fame” with all users and their latest statistics		Update and then show the Hall Of Fame to show latest ratings			
4	Check user info before returning user record		To “Check Own Rating”, latest information should be returned each time.			

Type of test case: Unit Test

Logout

Developed /Executed By: Hasan Abbas

Execution Date: 12/04/13

Application Version:

Test Case	Test Description	Input Values	Expected Result	Status(Pass /Fail)	Actual Result	Comments
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ID						
1	Session should be destroyed and page redirected to main login page		Confirmation of logout to the user and session updated that user has logged off			
2	After logging out, if user tries to access main page, it is not allowed.		Even if user uses the web-address to redirect to his home page, the log in state of user would be annihilated in the database thus denying entry and redirecting to login page.			
3	Refresh page after logout, check state of the user		After logging out, if page refreshed by user, redirected to login page.			