

Carpool (Group 6)

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Type of test case: Unit Test

Registration Interface

Developed /Executed By: Zuha Agha, Aisha Mushtaq and Ali Raza

Execution Date:

Application version: 1.0

Test Case ID	Test Description	Input Values	Expected Result	Status(Pass/Fail)	Actual Result	Comments
1	Check if user enters a valid Lums id Precondition: User is on	LUMS id : !*5#@	Exception raised: Invalid LUMS id	Pass	Invalid id, please enter again	

	registration page Action: User enters LUMS ID in the form	LUMS id: 14100142	User accepted: LUMS id verifies	Pass	no exception raised	For now it only checks for 8 digit IDs example: 14100142 , to verify if it's a LUMS ID we require the database from IST
2	Entered password should have a minimum of length of 6 characters Precondition: User is on registration page Action: User enters password in the form	Password: *****	Password not accepted: Minimum length should be 6 characters	Pass	Prompts user again for password	
		Password: *****	Password accepted	Pass	No exceptions raised, user proceeds with the form	
		Password: *****	Password accepted	Pass	No exceptions raised, user proceeds with the form	

3	Email address should match the LUMS ID and be of domain '@lums.edu.pk'	Id: 14100103 Email id: 14100103@hotmail.com	Email rejected: Invalid domain	pass	Exception raised: Invalid domain, please enter again	
	Precondition: User is on registration page Action: User enters email id in the form	Id: 14100142 Email id: 14100142@lums.edu.pk	Email id accepted: Valid domain	pass	No exceptions raised, user proceeds with the form	
		Id : 14100142 Email id: 14100103@lums.edu.pk	Email id rejected: ID does not match	pass	Exception raised: ID and email do not match, please enter again	
4	Check that gender field is not left empty	No radio button selected	Exception raised: please select a gender	pass	Exception raised: please select a gender	
5	Check that preference field is not left empty	No radio button selected	Exception raised: please select a gender	pass	Exception raised: please select a gender	
6	Check whether	Name: Aisha	Exception	fail		Not implemented

	<p>an already existing user tries to create an account</p> <p>Precondition: a user with same roll number exists in the database.</p> <p>Action: The user submits a registration form with all input values</p>	<p>Roll no: 14100142 Password: ***** Email: 14100142@lums.edu.pk Gender: female Preference: female</p>	<p>raised: user already exists</p>			
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Carpool (Group 6)
Type of test case: Unit Test
Login Interface
<p>Developed /Executed By: Aisha Mushtaq, Mohsin Ali and Ali Raza</p> <p>Execution Date:</p> <p>Application Version: 1.0</p>

Test Case ID	Test Description	Input Values	Expected Result	Status(Pass/Fail)	Actual Result	Comments
7	Check if ID present in database Precondition: User is registered and is on login form Action: User enters ID to log in	ID : 14100142 (registered)	ID found, proceed to match password	pass	proceed to match password	
		Login ID: 14100148 (not registered)	Exception raised: ID not found in database	pass	Exception raised: You have not registered, please register first	
8	Check if the password matches Precondition: The user is registered, and has entered an ID	Password: *****	User is logged in if entered password matches the password in the database against that user id	fail		Not implemented

	that exists in the database. Action: User enters password, which is at least 6 digits long	Password: *****	Exception raised: The password doesn't match the user id's password	fail		Not implemented
9	To check if any mandatory field is left empty	Login: 14100142 Password: -----	Exception raised	pass	Prompts user to enter again	

Carpool (Group 6)

Type of test case: Unit Test

Lift Taker/Lift Provider interface

Developed /Executed By:

Execution Date:

Application Version:

Test Case ID	Test Description	Input Values	Expected Result	Status(Pass/Fail)	Actual Result	Comments
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10	<p>Either source or destination is LUMS</p> <p>Precondition: User is registered User is logged in User has chosen to a new ride option (offer or take) Action: User selects source and destination from a drop down menu</p>	Src = LUMS Dest = y block	Lift Locations are valid, no exceptions raised	fail		Not implemented
		Src = y-block Dest = LUMS	Lift Locations are valid, no exceptions raised	fail		Not implemented
		Src= Y block Dest = H block	Exception raised: Choose LUMS as source or destination	fail		Not implemented
11	<p>Source and destination are not the same location</p> <p>Precondition: User is registered User is logged in</p>	Src = LUMS Dest = LUMS	Exception raised: Src and destination cannot be same	fail		Not implemented

	User has chosen a new ride option (offer or take) Action: User selects source and destination from a drop down menu	Src = dha cinema Dest = dha cinema	Exception raised: Src and destination cannot be same	fail		Not implemented
12	The date selected has not passed away Precondition: Precondition: User is registered User is logged in User has chosen a new ride option (offer or take) Action: user picks a date from a drop down menu	Date: 15-4-1999	Exception raised: Date for ride has passed.	fail		Not implemented
		Date: 2-5-2013	Date is valid, no exceptions raised	fail		Not implemented

13	<p>The time selected has not passed already</p> <p>Precondition: User is registered User is logged in User has chosen a new ride option (offer or take) User selected a valid date</p> <p>Action: user picks time from a drop down menu</p>	Date: today Time: before current time	Exception raised: Time for the ride has passed away	fail		Not implemented
		Date: today Time: After current time	Date and time is valid.	fail		Not implemented
14	To check if any mandatory field is left empty	Any field <u>left blank</u>	Exception raised	pass	User is prompted to enter again	

Carpool (Group 6)

Type of test case: Unit Test

User and Lift records

Developed /Executed By:

Execution Date:

Application Version:

Test Case ID	Test Description	Input Values	Expected Result	Status(Pass/Fail)	Actual Result	Comments
15	To check whether a new user is added in user db. Precondition: The user submits all valid input values for registration form	Name: Aisha Roll no: 14100142 Password: ***** Email: 14100142@lums.edu.pk Gender: female Preference: female	A new row is added to the USERS database with the fields matching those provided in input	pass	A new row is added to the USERS database with the fields matching those provided in input	

15	<p>To check whether a new lift is added in lift db.</p> <p>Precondition: The user is registered, user is logged in.</p> <p>Action: submits all valid input values for offer/take lift form</p>	<p>to: lums from: y-block user id: 14100142 daily/onetime: daily date: 2-5-2013 time : 12:01 am fuel cost: 10/km</p>	<p>A new row is added to the lift database with the fields matching those provided in input. A trip id is assigned</p>	fail		Not implemented
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16	<p>To check whether a cancelled lift is deleted from lift db.</p> <p>Precondition: The user is registered, user is logged in. User has offered to give or to take a new ride</p> <p>Action: selects cancel button for specific lift</p>	Trip ID	The corresponding row is deleted from db. If any lift match was associated with this trip, the status of those lifts changes	fail		Not implemented
17	<p>To check if a lift's status changes when the lift is confirmed</p> <p>Precondition: The user is registered, user is logged</p>	Trip ID Lift departure Date and time	The confirm value trip is changed to true, if it is within a valid time window	fail		Not implemented

	in. User has offered to give or to take a new ride Action: User confirms a lift 3-0.5 hours before the ride	Trip ID Lift departure Date and time	Exception raised: The lift has been cancelled, if the time of confirmation has passed.	fail		Not implemented
		Trip ID Lift departure date and time	Exception raised: It is too early to confirm	fail		Not implemented
18	Check that user offers one lift at a time Precondition: User is registered, user is logged in. user has offered/taken one or more valid lifts lift. Action: User offers another lift	Time any two rides does not clash	The lift is stored in lift database	fail		Not implemented
		Time of two rides clashes	Exception raised: The time of lift clashes with another ride you have taken/offered	fail		Not implemented

Carpool (Group 6)

Type of test case: Unit Test

Lift handler

Developed /Executed By:

Execution Date:

Application Version:

Test Case ID	Test Description	Input Values	Expected Result	Status(Pass/Fail)	Actual Result	Comments
19.	Finding a lift match Precondition: User is registered. User logged in. User has	Src Dest Time Date Status	If match found and lift status is available, update status and notify both recipients.	fail		Not implemented

	<p>selected a new ride.</p> <p>Action : User fills lift provider/lift taker form and clicks on find match.</p>		<p>If match not found or lift status is taken/ confirmed, notify users that match could not be found.</p>			
20.	<p>Finding a lift match</p> <p>Precondition: User is registered. User logged in. User has cancelled a lift, making another ride available.</p> <p>Action : User cancels a lift.</p>	<p>Src Dest Time Date Status</p>	<p>If match found and lift status is available, update status and notify both recipients.</p>	fail		Not implemented