

Project Name: OTWLah

Test Case

Test Case ID: TC0001
Test Priority (Low/Medium/High): High
Module Name: LoginActivity
Test Title: Register as Member
Description: An app user should be able to register as a member using their email and phone number

Test Designed by: Brian Teo
Test Designed date: 6/11/2023
Test Executed by: Eyan
Test Execution date: 11/11/2023

Pre-Conditions: Valid email and phone number
Dependencies: -

Step	Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)	Notes
1	At the login screen, press on "Don't have an account? Sign Up" text	NIL	User should be shown the registration fields: Name Mobile Number Email Password Retype Password	User is shown the registration fields: Name Mobile Number Email Password Retype Password	Pass	
2	Input test data into the different fields	Name: Tester Mobile Number: 1234 Email: wlee113@e.ntu.edu.sg Password: P@ssw0rd Retype Password: P@ssw0rd	"Invalid Mobile Number!" error message should be shown above phone number field	"Invalid Mobile Number!" error message shown above mobile number field	Pass	
3	Input test data into the different fields	Name: Tester Mobile Number: 93885046 Email: tester	"Invalid Email!" error message should be shown above email field	"Invalid Email!" error message shown above email field	Pass	

		Password: P@ssw0rd Retype Password: P@ssw0rd				
4	Input test data into the different fields	Name: Tester Mobile Number: 93885046 Email: wlee113@e.ntu.edu.sg Password: 123 Retype Password: 123	"Weak Password!" error message should be shown above both password fields	"Weak Password!" error message shown above both password fields	Pass	
5	Input test data into the different fields	Name: Tester Mobile Number: 93885046 Email: wlee113@e.ntu.edu.sg Password: P@ssw0rd Retype Password: PASSWORD	"Password Not Match!" error message should be shown above both password fields	"Password Not Match!" error message shown above both password fields	Pass	
6	Input details into shown fields	Name: Tester Mobile Number: 93885046 Email: wlee113@e.ntu.edu.sg Password: P@ssw0rd Retype Password: P@ssw0rd	User should be able to key in the test data provided	User is able to key in the test data provided	Pass	
7	Press on the "Register" button	NIL	User should be navigated to the OTP verification page and an OTP should be sent to the email keyed in	User is navigated to the OTP verification page and OTP is received in the email keyed in	Pass	
8	Input the OTP received	OTP code: {OTP}	User should be able to key in the OTP	User is able to key in the OTP received	Pass	

9	Press the "Verify" button	NIL	User should be navigated to the home screen	User is navigated to the home screen	Pass	
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Post-conditions:

User is registered as a member and is at the home screen

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Test Case

Test Case ID: TC0002
Test Priority (Low/Medium/High): High
Module Name: LoginActivity
Test Title: Login as Member with Email
Description: An app user should be able to login as a member with their email using either password or OTP

Test Designed by: Brian Teo
Test Designed date: 6/11/2023
Test Executed by: Eyan
Test Execution date: 11/11/2023

Pre-Conditions: Registered as member
Dependencies: -

Step	Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)	Notes
1	At the login screen, Input random email and valid password	Email: wlee321 Password: P@ssw0rd	User should be able to input the test data	User is able to input the test data	Pass	
2	Press the "Login" button	NIL	"User Not Exist!" error should be displayed	"User Not Exist!" error message is displayed	Pass	
3	Input valid email and random password	Email: wlee113@e.ntu.edu.sg Password: 123	User should be able to input the test data	User is able to input the test data	Pass	
4	Press the "Login" button	NIL	"Wrong Password!" error should be displayed	"Wrong Password!" error message is displayed	Pass	
5	Re-enter the email and password used to register as a member	Email: wlee113@e.ntu.edu.sg Password: P@ssw0rd	User should be able to input the test data	User is able to input the test data	Pass	
6	Press the "Login" button	NIL	User should be able to login and navigated to the home screen	User is able to login and navigated to the home screen	Pass	

7	Use their phone's back button to log out of the account	NIL	User should be navigated back to the login screen	User is navigated back to the login screen	Pass	
8	Input email into email field	Email: wlee321	User should be able to input the test data	User can input the test data	Pass	
9	Press the "Get OTP" text	NIL	"Account Not Found!" error message should be displayed	"Account Not Found!" error message is displayed	Pass	
10	Input the email they used to register	Email: wlee113@e.ntu.edu.sg	User should be able to input the test data	User can input the test data	Pass	
11	Press the "Get OTP" text	NIL	User should be navigated to the OTP login screen and an OTP would have been sent to the email they entered	User is navigated to the OTP login screen and an OTP is received in the email	Pass	
12	Input the OTP code that they received through their email	OTP code: {OTP}	User should be able to input the test data	User can input the test data	Pass	
13	Press the "Verify" button	NIL	If the right OTP is keyed in, the user should be able to login and navigated to the home screen	User is logged in and navigated to the home screen	Pass	

Post-conditions:

User is able to login using both methods specified

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Test Case

Test Case ID: TC0003
Test Priority (Low/Medium/High): High
Module Name: LoginActivity
Test Title: Login as Member using Phone Number
Description: An app user should be able to register as a member using their phone number and password

Test Designed by: Brian Teo
Test Designed date: 6/11/2023
Test Executed by: Eyan
Test Execution date: 11/11/2023

Pre-Conditions: Registered as member
Dependencies: -

Step	Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)	Notes
1	At the login screen, press the "Login With Phone Number" text	NIL	"Email" field should be changed to "Phone"	"Email" field changed to "Phone"	Pass	
2	Input random phone number and valid password	Phone: 12345 Password: P@ssw0rd	User should be able to input the test data	User can input test data	Pass	
3	Press the "Login" button	NIL	"User Not Exist!" error message should be displayed	"User Not Exist!" error message is displayed	Pass	
4	Input valid phone number and random password	Phone: 93885046 Password: 123	User should be able to input the test data	User can input test data	Pass	
5	Press the "Login" button	NIL	"Wrong Password!" error message should be displayed	"Wrong Password!" error message is displayed	Pass	
6	Input the phone number and password	Phone: 93885046 Password: P@ssw0rd	User should be able to input the test data	User can input test data	Pass	

	used to register as a member					
7	Press the “Login” button	NIL	User should be able to login and navigated to the home screen	User is logged in and navigated to the home screen	Pass	

Post-conditions:

User is able to login using the method specified

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Test Case

Test Case ID: TC0004
Test Priority (Low/Medium/High): High
Module Name: MainActivity
Test Title: Navigate to Destination
Description: A member should be able to set and be shown a path to their destination

Test Designed by: Brian Teo
Test Designed date: 6/11/2023
Test Executed by: Eyan
Test Execution date: 11/11/2023

Pre-Conditions: User has been logged in
Dependencies: Internet and location access

Step	Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)	Notes
1	After logging in, press on the search bar at the top of the screen	NIL	The keyboard should be active on screen	Keyboard is active on the screen	Pass	
2	Input the location provided in test data into the search bar	Location: "Jurong point"	Suggestions of places should appear below the search bar	Suggestions of places appeared below the search bar	Pass	
3	Press on the topmost suggestion	NIL	The map will show a marker on the destination	A marker is shown on the destination chosen	Pass	
4	Press on the "Use this location" button	NIL	A date and time picker should appear from bottom of the screen	A date and time picker appeared from the bottom of the screen	Pass	
5	Input the date and time provided	Date: {today's date} Time: "5:00PM"	The date and time should be set correctly	The date and time is set correctly	Pass	
6	Press the "Submit" button	NIL	A path should be shown from the user's location to the destination chosen	A path is shown from the user's location to the destination chosen	Pass	

Post-conditions:

The path from the user's location to the destination should be shown correctly

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Test Case

Test Case ID: TC0005
Test Priority (Low/Medium/High): High
Module Name: MainActivity
Test Title: Create & Invite Members to Party
Description: A member should be able to create a party and invite other members into the party

Test Designed by: Brian Teo
Test Designed date: 6/11/2023
Test Executed by: Eyan
Test Execution date: 11/11/2023

Pre-Conditions: TC0004
Dependencies: Internet and location access

Step	Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)	Notes
1	Press on the icon indicating the addition of members at top right	NIL	There should be a party QR and pin shown on the screen	A party QR and pin is shown on the screen	Pass	
2	Press on the back button at the top left	NIL	There should be a party pull-up drawer at the bottom of the screen showing the user's name	The party pull-up drawer is at the bottom of the screen showing the user's name	Pass	

Post-conditions:

Party pull-up drawer is shown on the screen

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Test Case

Test Case ID: TC0006
Test Priority (Low/Medium/High): High
Module Name: MainActivity
Test Title: Edit Party
Description: The party leader should be able to edit the party

Test Designed by: Brian Teo
Test Designed date: 6/11/2023
Test Executed by: Eyan
Test Execution date: 11/11/2023

Pre-Conditions: TC0005
Dependencies: Internet and location access

Step	Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)	Notes
1	Pull up the party drawer	NIL	There should be directions to the destination chosen as well as a "Edit Party" and "Close" button	There is directions to the destination chosen as well as a "Edit Party" and "Close" button	Pass	
2	Press the "Edit Party" button	NIL	User should be navigated to the destination selection screen	User is navigated to the destination selection screen	Pass	
3	Input the location provided in the test data into the search bar	Location: South Spine	Suggestions of places should appear below the search bar	Suggestions of places appeared below the search bar	Pass	
4	Press on the topmost suggestion	NIL	The map will show a marker on the destination	A marker is shown on the destination chosen	Pass	
5	Press on the "Use this location" button	NIL	A date and time picker should appear from bottom of the screen	A date and time picker appeared from the bottom of the screen	Pass	

6	Input the date and time provided	Date: {today's date} Time: "6:00PM"	The date and time should be set correctly	The date and time are set correctly	Pass	
7	Press the "Update" button	NIL	User should be navigated back to the party map screen with the location and time updated	User is navigated back to the party map screen with the location and time updated	Pass	

Post-conditions:

Location and time of the party can be updated successfully

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Test Case

Test Case ID: TC0007
Test Priority (Low/Medium/High): High
Module Name: MainActivity
Test Title: Join Party
Description: A member should be able to join a party that was created through the party QR or pin

Test Designed by: Brian Teo
Test Designed date: 6/11/2023
Test Executed by: Eyan
Test Execution date: 11/11/2023

Pre-Conditions: TC0005
Dependencies: Internet, camera and location access

Step	Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)	Notes
1	Use the phone's back button to logout of current account	NIL	User should be navigated back to the login screen	User is navigated back to the login screen	Pass	
2	Input the test data's credentials into the login fields	Email: aa Password: aa	User should be able to key in test data	User can input the test data	Pass	
3	Press the "Login" button	NIL	User should be navigated into the map screen	User is navigated into the map screen	Pass	
4	Press the "+" button at the bottom right of the screen	NIL	A menu of icons should pop up from the button	A menu of icons popped up from the button	Pass	
5	Press the "Join Party" icon	NIL	User should be navigated to the "Enter Party Pin" screen	User is navigated to the "Enter Party Pin" screen	Pass	
6	Enter the pin provided in the test data	Pin: 0040	User should be able to enter the pin with the number pad provided and	User can enter the pin with the number pad provided and is navigated to the party screen	Pass	

			navigated to the party screen			
7	Scroll up on the party drawer at the bottom	NIL	The drawer should display the directions to take to reach the party's destination as well as a "Close" button	Drawer displays the directions to take to reach the party's destination as well as a "Close" button	Pass	
8	Press on the "Close" button	NIL	User should not have the party drawer anymore and just have the normal map screen	User does not have the party drawer anymore and is back at the map screen	Pass	
9	Press the "+" button at the bottom right of the screen	NIL	A menu of icons should pop up from the button	A menu of icons popped up from the button	Pass	
10	Press the "Join Party" icon	NIL	User should be navigated to the "Enter Party Pin" screen	User is navigated to the "Enter Party Pin" screen	Pass	
11	Press the "Scan QR" button	NIL	User should be navigated to a QR code scanner	User is navigated to a QR code scanner	Pass	
12	Scan the QR code provided in the test data		User should be able to join back the same party and be navigated to the map screen with party drawer	User able to join back the same party and navigated to map screen with party drawer	Pass	

Post-conditions:

User is able to join a party using both the party pin and the party QR code

Project Name: OTWLah

Test Case

Test Case ID: TC0008
Test Priority (Low/Medium/High): Medium
Module Name: WeatherActivity
Test Title: Check Weather
Description: A member should be able to check the weather of their set destination

Test Designed by: Brian Teo
Test Designed date: 6/11/2023
Test Executed by: Eyan
Test Execution date: 11/11/2023

Pre-Conditions: User is logged in
Dependencies: Internet and location access

Step	Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)	Notes
1	At the map screen, press on the search bar	NIL	The keyboard should be active on screen	Keyboard is active on screen	Pass	
2	Input the location provided in test data into the search bar	Location: "North Spine"	Suggestions of places should appear below the search bar	Suggestions of places appeared below the search bar	Pass	
3	Press on the topmost suggestion	NIL	The map will show a marker on the destination	The map showed a marker on the destination	Pass	
4	Press on the "Use this location" button	NIL	A date and time picker should appear from bottom of the screen	A date and time picker appeared from the bottom of the screen	Pass	
5	Input the date and time provided	Date: {today's date} Time: "5:00PM"	The date and time should be set correctly	The date and time is set correctly	Pass	
6	Press the "Submit" button	NIL	A path should be shown from the user's location to the destination chosen	A path is shown from the user's location to the destination chosen	Pass	

7	Press on the button with the weather icon	NIL	Weather of the destination chosen should be displayed	The weather of the destination chosen is displayed	Pass	
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Post-conditions:

Weather of the set destination is displayed correctly