Test Cases

Test Case Number	Function	Steps + *Expected Behavior	Result
1	Graphical User Interface (GUI) Responsiveness	1. Resize the application window 2. *GUI should be responsive to the resize	PASS
2	Allow access to user's location	1. *should prompt user for permission to access their location 2. Select 'Allow' 3. *user's location should be display on the map	PASS
3	Block access to user's location	1. *should prompt user for permission to access their location 2. Select 'Block' 3. * should not get user's location and user's location should not be display respectively	PASS
4	Hiding Graphical User Interface (GUI)	1. Click on the hide GUI icon 2. *should hide the GUI panel leaving only the map visible along with the unhide GUI button	PASS
5	Input Checking for Custom Route	1. Select to add custom route 2. Click search 3. *should prompt user to enter start location 4. Click POI to show convenience store 5. Click search 6. *should prompt user to enter start location 7. Enter start location 8. Click search 9. *should prompt user to enter end location 10. Enter end location 11. *route should appear with convenience store recommendations	PASS
6	Route legality check for Custom Route	1. Select to add custom route 2. Enter a Start and End Point which is legal by itself, but be illegal together. (e.g "Pulau Ubin, Singapore" to "Yishun, Singapore") 3. *should prompt user that the route could not be mapped.	PASS
7	Add & Remove POI for Custom Route	1. Select to add custom route 2. Enter start location 3. Enter end location 4. Click search 5. *route should be generated 6. Click POI to show convenience store 7. *convenience store recommendation should be generated.	PASS

		8. Select a POI marker 9. *POI details should be displayed 10. Select to add POI into the custom route 11. *defined route and the selected poi should be displayed. 12. Click POI to show restaurants 13. Repeat step 8 & 10. 14. *defined route and the 2 selected poi should be displayed. 15. Select the already added convenience store POI and click Remove. 16. *the convenience store POI should be removed leaving only the defined route and the restaurant POI.	
8	Preset Route	1. Select a preset route 2. *the preset route should be displayed with its preset POI if there is any.	PASS
9	Changing of route from preset to custom	1. Select a preset route 2. *the preset route should be displayed with its preset POI if there is any. 3. Click on the 'Custom Route +' button 4. The previously displayed preset route should be cleared	PASS
10	Changing of route from preset to custom	1. Select to add custom route 2. Enter start location 3. Enter end location 4. Click search 5. *route should be generated and displayed 6. Click on the 'Back' button 7. The previously displayed custom route should be cleared	PASS
11	Tutorial	1. Select to view the tutorial 2. *the tutorial should focus the view of the user and provide a tooltip that indicate the current step number, a description, a skip tutorial button, a next tip button, and a back button to view the previous tip. 3. *On the last tip, a 'Done' button will be displayed and there should be no skip tutorial and next tip button. 4. Click on 'Done' button 5. The tutorial should end and the user's view should return to normal.	PASS