

Test Case #	Test Case Description	Test Steps	Expected Result
Prerequisite: - User is at location tracking page - Allow location service for local device (if not, would be prompted by browser)			
1	Track current location	1. Click on the toggle button to toggle it on 2. Enable location service tracking on local device if prompted 3. Wait for a few seconds	Map should zoom to where user is, represented by a person icon
Prerequisite: User is at the map page			
2	Searching using invalid input	1. Leave the search bar as empty or enter "kosdpa" as an invalid search term into search bar 2. Click on the search button	An alert message should popup, prompting user for valid input.

Prerequisite: An alert message have been triggered by an invalid input.

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| 3 | Searching using valid input closes alert message | 1. Enter a valid search query into the search bar (e.g. simei) | Alert message should close upon any valid input. |
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Prerequisite: User is at the map page

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| 4 | Search for exact clinic or pharmacy name | 1. Enter "Usrah Medical Clinic" (exact name of clinic) into search bar.

2. Click on the search button | Map should zoom to Usrah Medical Clinic and description of the clinic should appear. |
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Prerequisite: User is at the map page

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| 5 | Search using region name | 1. Enter "Tampines" into the search bar.

2. Click on the search button | Map should zoom to show an overview of the "Tampines" region.

A description of a clinic /pharmacy with "Tampines" as part of its name should also appear. |
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Prerequisite: User is at the map page

6	Test if search bar provides suggestion according to user input	1. Enter "bedok" into search bar	A list of suggestions in the dropdown should appear, and each suggestion should contain "bedok" as part of the string.
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Prerequisite: User is at the map page

7	Test if debounce function is running	1. Enter "bedok" into search bar.	A list of suggestions in the dropdown should update only after a short delay instead of at every key press.
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Prerequisite: User is at the map page

8	Clicking on search suggestion	1. Enter "bedok" into search bar 2. Click on "BEDOK LIFE CLINIC" in the dropdown.	Map should zoom to "BEDOK LIFE CLINIC" and description of the clinic should appear.
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Prerequisite:

- User is at the map page
- Markers are not clustered

9	Clicking on a leaflet marker	1. Click on a leaflet marker	Map should zoom to focus on clicked marker, description of clicked marker should show up
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Prerequisite: User has already clicked on a location

10	Toggle 500m radius circle	1. In the description box, click on the toggle button to show clinics/pharmacies within 500m	Map should zoom out around the area and an orange circle would appear around the targeted location
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Prerequisite: User is at the map page

11	Hide layer group	1. Click on the toggle icon with a layers symbol in it (top-right corner of the screen) 2. In the expanded toggle icon, uncheck the pharmacy marker	All the pharmacy markers in the map should disappear.
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Prerequisite: User has
already clicked on a
clinic

12	Click on call button in description box for clinics	1. Click on the green call button beside the telephone number	User will be prompted on their device if they want to make a call to the number.
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