

Test Case #	Test Case Description	Test Steps	Expected Result
Prerequisite: The user is at the home page			
1	Switching between the 3 tabs of different types of sites.	1) Click on the "Museum" tab. 2) Click on the "Monument" tab. 3) Click on the "Historic Site" tab.	1) Content changes to "Museum". 2) Content changes to "Monument". 3) Content changes to "Historic Site".
Prerequisite: The user is at the home page			
2	Clicking on "Show on map" button.	1) Clicking on "Show on map" button.	1) Web application switches over to map page. 2) Map will zoom and focus on a marker. 3) Popup will appear over the marker with the information of the location.
Prerequisite: The user is at the home page			
3	Clicking on navigation bar icons.	1) Clicking on the map icon. 2) Clicking on the speech bubble icon.	1) Web application switches over to map page. 2) Web application switches over to suggestion page.

Prerequisite: The user is at the suggestion page			
4	Submitting empty suggestion.	1) "Name of Location" input is empty. 2) No "Type of Location" radio button selected. 3) "Coordinates" input is empty.	1) Alert "Enter the location name" is shown. 2) Alert "Select a location type" is shown. 3) Alert "Enter the coordinates" is shown.
Prerequisite: The user is at the suggestion page			
5	Invalid coordinates.	1) Alphabets in "Coordinates" inputs.	1) Alert "Enter a valid coordinate" is shown.
Prerequisite: The user is at the suggestion page			
6	Submitting a valid suggestion.	1) "Singapore" in "Name of Location" input. 2) "Historic Site" radio button selected 3) "1.352" in "Latitude" input, and "103.819" in "Longitude" input.	1) Alert "Suggestion received!" is shown.
Prerequisite: The user is at the suggestion page			
7	Clicking on "Back" button.	1) Clicking on "Back" button.	1) Web application switches over to home page or map page, depending on which page user came from.

Prerequisite: The user is at the map page			
8	Clicking on navigation bar icons.	1) Clicking on the home icon. 2) Clicking on the speech bubble icon.	1) Web application switches over to home page. 2) Web application switches over to suggestion page.
Prerequisite: The user is at the map page			
9	Empty search input	1) Click on search icon on empty search input.	1) Alert "Please enter something." is shown.
Prerequisite: The user is at the map page			
10	No results found	1) Type "cat" in search input. 2) Click on search icon or press enter.	1) Alert "No results found" is shown.
Prerequisite: The user is at the map page			
11	Valid search input	1) Type "park" in search input. 2) Click on search icon or press enter. 3) Wait for a few seconds. 4) Click on "Adam Park"	1) Map will zoom and focus on a marker. 2) Popup will appear over the marker with the information of Adam Park.
Prerequisite: The user is at the map page			
12	Site layer control	1) Click on pin icon. 2) Click on any of the unselected radio button.	1) Current marker layer will be removed, and new marker layer will be added.

Prerequisite: The user is at the map page. Browser location service is enabled.

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| 13 | Show user current location | 1) Click on pin icon.
2) Select "Show on map" checkbox. | 1) Map will zoom and focus user current location. |
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Prerequisite: The user is at the map page

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| 13 | Reset map | 1) Click on pin icon.
2) Click on "Reset Map" button. | 1) Map will be cleared of all markers that are currently visible. |
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Prerequisite: The user is at the map page

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| 14 | Weather layer control | 1) Click on cloud icon.
2) Select "Show on map" checkbox. | 1) Weather layer will be shown on the map. |
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