Test Cases and Testing Results

Black Box Testing

- 1. Search for carparks
 - a. Generic cases

Test ID	Scenario	Expected Result	Actual Result
1	Search by 6-digit	List of carparks within	List of carparks within
	postal code (searched	500 metres radius of	500 metres radius of
	location)	searched location is	searched location is
		displayed to the user	displayed to the user
2	Search by street name	List of carparks within	List of carparks within
	(searched location)	500 metres radius of	500 metres radius of
		searched location is	searched location is
		displayed to the user	displayed to the user
3	Search empty string	Popup stating "No	Popup stating "No
		results found for	results found for
		search."	search."

b. Specific cases

Search string	Expected Result	Actual Result
"530115" (Kovan)	List of carparks within 500	List of carparks within 500
	metres radius of an HDB block	metres radius of an HDB block
	in Kovan is displayed to the	in Kovan is displayed to the
	user	user
"Nanyang CC"	List of carparks within 500	List of carparks within 500
	metres radius of Nanyang CC is	metres radius of Nanyang CC is
	displayed to the user	displayed to the user
"NTU"	"No results found" message	"No results found" message
	displayed on results page. (No	displayed on results page. (No
	carparks nearby)	carparks nearby)
"abcdefg"	Popup stating "No results	Popup stating "No results
	found for search."	found for search."
"" (empty string)	Popup stating "No results	Popup stating "No results
	found for search."	found for search."

2. Favourites

a. Generic cases

Test ID	Scenerio	Expected Result	Actual Result
1	Favourite a carpark	The system saves the	The system saves the
		carpark into the	carpark into the
		favourite list	favourite list
2	Favouriting a carpark	The system removes	The system removes
	that is already	the carpark from the	the carpark from the
	favourited	favourite list	favourite list

3. Select Carpark to Visit

a. Generic cases

Test ID	Scenario	Expected Result	Actual Result
1	Select carpark from	Detailed information	Detailed information
	search results	for carpark when	for carpark when
		clicked into the	clicked into the
		selected carpark is	selected carpark is
		displayed to the user	displayed to the user
2	Select carpark from	Detailed information	Detailed information
	favourites page	for carpark when	for carpark when
		clicked into the	clicked into the
		selected carpark is	selected carpark is
		displayed to the user	displayed to the user
3	Select a carpark with	Alert warning stating	Alert warning stating
	carpark availability	that the carpark	that the carpark
	below 5% of its	availability is low.	availability is low.
	capacity		

b. Specific cases

Selected Carpark	Expected Result	Actual Result
BLK 109-127 Hougang Avenue	Detailed information including	Detailed information including
1 (from search results)	distance from the searched	distance from the searched
	location, capacity of the	location, capacity of the
	carpark and carpark rate is	carpark and carpark rate is
	displayed to the user.	displayed to the user.
BLK 962A Jurong West Street	Detailed information including	Detailed information including
91 (from favourites page)	distance from the user,	distance from the user,
	capacity of the carpark and	capacity of the carpark and
	carpark rate is displayed to the	carpark rate is displayed to the
	user.	user.
Low avail	Alert warning stating that the	Alert warning stating that the
	carpark availability is low.	carpark availability is low.

4. Unselect Carpark to Visit

a. Generic cases

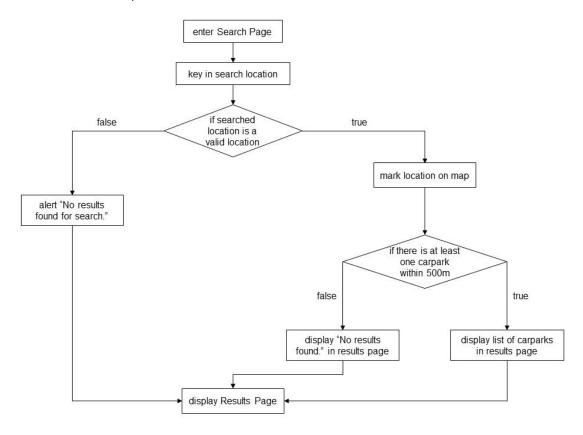
Test ID	Scenario	Expected Result	Actual Result
1	Unselect carpark to	Return to the search	Return to the search
	visit (carpark is	result page.	result page.
	selected from search		
	results)		
2	Unselect carpark to	Return to the	Return to the
	visit (carpark is	favourites page.	favourites page.
	selected from		
	favourites page)		

b. Specific cases

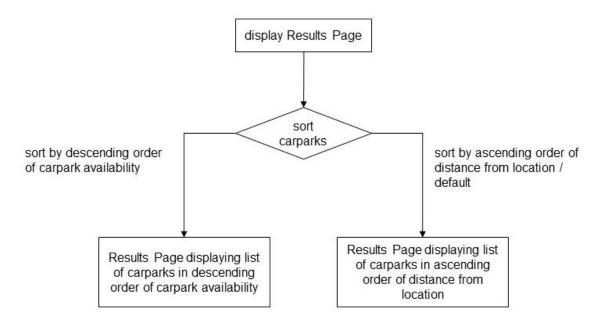
Search string	Expected Result	Actual Result
BLK 109-127 Hougang Avenue 1 (from search results)	Return to the search result page.	Return to the search result page.
BLK 962A Jurong West Street 91 (from favourites page)	Return to the favourites page.	Return to the favourites page.

White Box Testing (control flow testing)

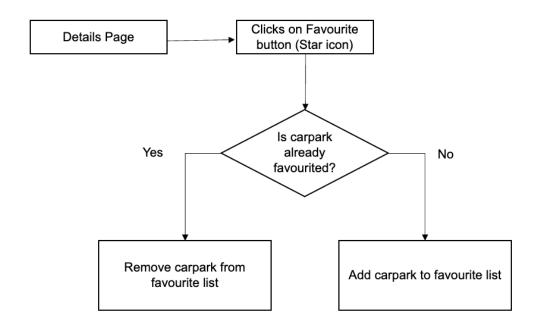
1. Search for carparks



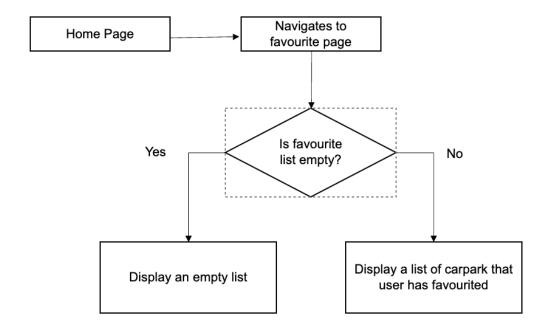
2. Sort Results



3. Favourite Carpark

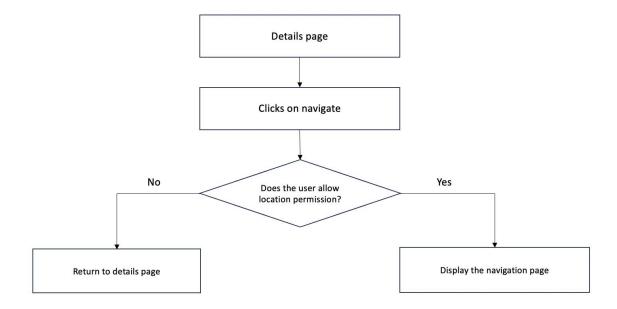


4. View Favourite Carpark



5. Select Carpark to Visit

a. Navigate to Carpark



b. Unselect Carpark to Visit

