USER TESTING			
Test Case Number	**Description**	**Step**	**Observation**
1	Load Carousel site	Go to https://0-carousel-project.netlify.app/	Page should not crash.
2	View landing page	Click on the 'Home' Button in the nav bar. Site https://0-carousel-project.netlify.app/#home	View Welcome Banner
3	Search Car	Click on the 'Search Car' Button in the nav bar. Site https://0-carousel-project.netlify.app/#search	1. Loading sign will appear while fetching posts from database. 2. All car posts already in database will display under the search results. (may need to wait up to 3-4 minutes for Render to boot up). 3. If search car page loading is taking too long to complete, may attempt to search under 'My Post', (sign in with default user account: user01@gmail.com), posts will appear after Render boots up. When page boots up, kindly return to Search Car page by clicking the Search Car button. All the car posts will naturally appear.
3B	Simple Car Search	Search Car by Brand. 1. Key in a brand name will filter all cars of the relevant brand. 2. Click Brand Search to submit search.	Type in Lexus into Brand Search and filter search to only reflect Lexus Cars.
3C	Detailed Car Search	Click 'detailed search' button 1. Off Canvas pop up of detail search will appear. 2. Fill in search by 'Brand, Year Launch, Min Price, Max Price, Rating'. Then, click Detailed Search'. 3. Validation is done to ensure a 4 digit year and no later than current year is keyed in. 4. Detailed results of car based on filter criteria will appear.	Open Offcanvas detailed search panel. 1. Enter Brand: Lexus. 2. Enter Type: SUV. 3. Enter Year Launch or After: 2021. 4. Min Price: $80000 5. Max Price: $100000 6. Rating: 4 7. Click Detailed Search. Only one car fulfilling all criteria will appear.
4	See Detailed Post of car	Click see detailed post button	Details of car will open to show all car features (Brand, Model, User Poster, Launch Year, Car Type, Seat Number, Color, Color Shade, Car rating, Description, Price, Comfort Features and other users' comments.
5	See Other Users' comme	Under the see detailed section, comments appear.	Use General Post 'Lexus 350L' to see comment by user03 for this car post.
5B	Add comments to post	Fill in 'username', 'email' and add in 'comment'. Click submit.	When comment is successfully posted, Toastify alert box will appear to inform user of this. Click Back Page and re-enter same car post by clicking see detailed post. Comment just added is reflected under Detailed Car Post.

IMPORTANT: Please do not click outside of the screen while the Toastify message is loading. The only way to properly close the Toastify message is to click the close button within the Toastify box. Otherwise, the necessary updates might not be sent to the Backend. Kindly remember the email keyed in as it is required to delete the comment. |
| 5C | Delete comment | 1. Click the 'cross' button next to the 'comment' user just typed in. 2. Fill in the commentor 'email' from Step '5B'. 3. To make use of the default test case for deleting comment, go to 'Lexus 350L'. The email to enter to delete User03 comment is 'user03@gmail.com'. 4. Press submit. | Toastify will notify user that comment is deleted. To view comment deleted, click 'back page' and reenter the car post by clicking 'See Detailed Post'. |
| 6A | Create Post | Click on Create Post under the navigation tab. Link https://0-carousel-project.netlify.app/#link 1. Fill in details of form which include (Model, Brand, Launch Year, Car Type, Seat Number, Color, Color Shade, Car rating, Description, UserName, Email, Image URL of car picture, Price, Engine Name, Comfort Features). 2. Do keep a record of the email keyed in if creating new post in order to test 'Update' later on. Otherwise, a test account is provided for update as well. 3. When details are filled, click the 'submit' button. A toastify alert message will inform user that post is created. 4. Go back to the search car page and scroll all the way to the bottom to view the new car added. Clicking 'See Detailed Post' will reveal all the details added. | 1. To test for validation, just attempt to submit form without filling in any information. 2. User will be prompted to enter details with error message to fill in missing parts of form.

When successfully created, a toastify alert message will inform user that post is created. |
| 7 | Edit Post | Click on My Post under the navigation tab. Link https://0-carousel-project.netlify.app/#mypost 1. Utilise the email memorised in step 6A to search posts created by user. 2. Otherwise, the test account 'user03@gmail.com' can also be used for testing. 3. Click submit and all the relevant poster's entries will appear. 4. Click on 'edit own car'. 5. Make the necessary changes to any part of the form. Email registered to create the post cannot be change to ensure user consistency. 6. Click 'confirm change' after finishing. A toastify message will appear to indicate success. 7. To view changes, there are two methods. 8. The first is to re-click search posts with the same user email already keyed in. Then, click 'edit post' to see changes reflected in the form. 9. The second method is to go back to 'Search page' and find back the car post and click 'see detailed post'. | If invalid email format is entered (missing '@' or '.'), or no such email is found in the database, an error message informing user will appear. When editing own car, all the previous data keyed in by user will populate the form. Validation is also done for editing, leaving a fill blank will prompt user to fill up the form before submitting. |
| 8 | Delete Post | 1. Click on the Delete Car button to delete the post. | 1. A Toastify message will inform the user that the car is deleted. 2. Changes will be reflected under the users current posting as the car will not be seen. 3. If the post deleted was the last post by user, a message saying no such user email is found. Please create a new car. |