

BuggyCars <https://buggy.justtestit.org/>

Test approach:

The key features identified for this applications are the following:

- Popular Make page
- Popular Model page
- Overall Rating page
- User registration
- User Login/Profile

For the Popular Make/Model and Overall Rating pages since they are mostly just displaying data returned from the backend, the testing is around the look and feel of the UI. Whether the pages are as per design and data displayed is in the correct format. Any clickable headings do take the user to the correct pages.

For the user registration, login and profile pages, the UI needs to be checked against design but also the data validation needs to be tested. Whether the fields only take the type of input it can store. For example, the Age field in the Profiles should only take numbers and should reject characters and symbols. These pages require a bit more exploratory testing.

Bugs identified:

1. Performance of the home and sub pages:

These pages can take quite a few seconds to load, the user is often waiting for the load symbol for too long

Steps to reproduce:

- Go to <https://buggy.justtestit.org/>
- Click on the Popular Make card

Expected behaviour: page to display within reasonable amount of time

Current behaviour: sub pages can take up to 10 seconds to load

2. User logout does not remove sensitive information:

While the user is on their Profile page, logging out does not take the user away from the sensitive information and redirect to a public page.

Steps to reproduce:

- Go to <https://buggy.justtestit.org/>
- Login with user "plattypus" and password "Password1!"
- Click on Profile on the top bar
- Then click on the Logout on the top bar

Expected behaviour: after logout, user should be redirected to the application home

page

Current behaviour: after logout, user remains on the same page

3. Input validation required for Age field in the user profile:

The Age field in the user profile is allowing for input of characters, numbers and symbols, this will most likely be rejected by the backend as the age field is most likely stored as an integer in the DB.

Steps to reproduce:

- Go to <https://buggy.justtestit.org/>
- Login with user "plattypus" and password "Password1!"
- Click on Profile on the top bar
- Under Additional Info - Age field
- Enter input of any type

Expected behaviour: UI should only allow and display inputs that are numbers

Current behaviour: UI is allowing for input of any type

4. All fields in registration form highlighted red:

When the user visits the registration form for the first time, before any input is provided, all fields are already highlighted red. Red typically indicates incorrect/missing input, however in this case the user hasn't yet provided input.

Steps to reproduce:

- Go to <https://buggy.justtestit.org/>
- Click Register on the top bar

Expected behaviour: All fields should be green or colourless, and only display red when there is incorrect/missing input.

Current behaviour: All fields displaying red as soon as the user enters the page.

5. UI bugs: There are a few different UI bugs e.g:

- Popular Make, Popular Model and Overall Ratings cards on the home page have different sized borders
- Popular Make, Popular Model and Overall Ratings pages don't have a title to indicate which page the user is on