Working Prototype Known Problems Report

Product Name: Team: RideShare Price Comparer Date: 12/8/2020

Known Problems:

1. Cause of failure:

   When the user inputs two valid addresses and clicks the compare button, the prices are displayed correctly. However, when the user then inputs another request where one or more of the inputs is not valid and clicks the compare button. The list of prices from the previous request are still displayed on the screen.

   Location of failure:

   GitHub path: rideshare-project/src/component/PricesOutput/index.jsx

   Possible action for removal of fault:

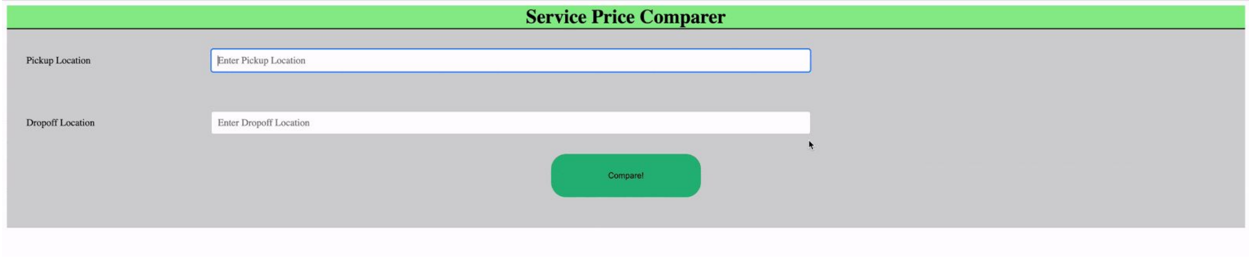
   To solve this problem we would need to delete the prices output container each time the compare button is clicked before the new data was loaded in.

2. Cause of failure:

   When a valid option is loaded into React-select's input box, the option-value pair is defined properly; however, when looking to edit the input box, the input does not get cleared and the previous address is stored in the input content without updating the state. The functionality that we want is that when we type in and choose a valid address & go back and edit the input box, we should edit the value that is already there instead of starting from scratch.

   Location of failure:

   GitHub path: src/component/SelectMenu/Select.jsx



   Possible action for removal of fault:

   In order to get rid of this and have a more state-ful web application, we need to look into how to preserve the state using React-Select with react hooks. I think that by figuring out a way to preserve the state or update the state as you type will get rid of the issue.

3. Cause of failure:
   When a request fails, there is no visible way for the user to see that the request has failed.

   Location of failure:

   GitHub path: src/component/PricesOutput/index.jsx

   Possible action for removal of fault:

   Add a Loading, Error component that will display when the request is loading and when the request is fulfilled. This will allow us to visualize the process of the request. A loading component will appear when the request is initially sent and waiting for a response and an error message will display if an error occurred or the output will get displayed if the requests succeeds.