Website Coding Project

The purpose of this exercise is to showcase your design, coding, and testing skills in the given time span. Please read the complete requirements carefully and do your best.

Steps

1. Read and understand the requirements for the assignment.
2. Implement the coding project.
3. Implement unit tests and make sure they pass.
4. Test the site.
5. Record video of site working (you can also take screenshots).
6. **Submit a zip file containing all of the code (including assets) and the video (or screenshots).**

This interview is private and confidential, please do your part in keeping this confidential. That means don't post it online in a publicly accessible way such as GitHub and don't discuss the interview with anyone that isn't an employee of Hava.

Use the programming language of your role:

- Backend - use PHP/Laravel
  - *Backend candidates will be evaluated heavily on the code cleanliness, design, and demonstration of laravel knowledge.*
  - *Bonus points for using docker.*
- Frontend - use ReactJS
  - *Recent trips JSON file has CORS enabled, so no server is needed. But feel free to use `npm serve` if you really want to get fancy.*
  - *Frontend candidates will be evaluated heavily on their attention to detail and their artistic creativity.*

Requirements

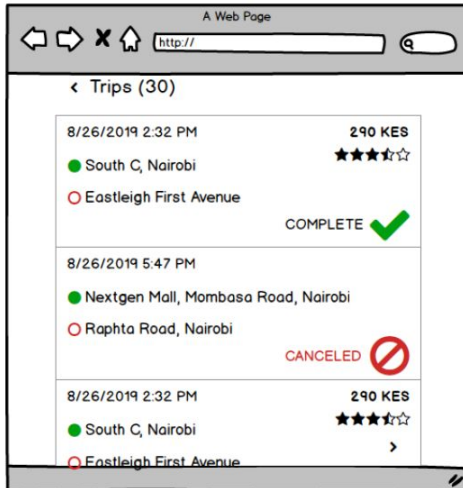The site will have three (3) screens: trip search form, trip results list, and trip details.

Please use trips data from here: Recent Trips JSON

NOTE: Your site does not have to look identical to the mockups below, but it should have the same functionality and easy to use.
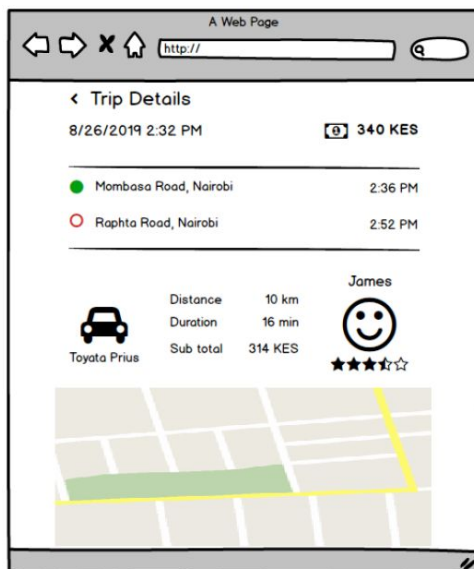

Trip Search Form

- The search form has the following elements:
  - Title "Trip Search"
  - Keyword search
  - Include canceled trips
  - Distance
  - Time
  - Search button
- When you click the search button, the site should filter down the array of recent trips to just the ones that match the search criteria, and go to the search results page showing all of the matching trips.
- By default, it will only consider "**COMPLETE**" trips, but if the "Include cancelled trips" is toggled, it will consider "**CANCELED**" trips as well.
- The keyword search is a simple case insensitive string match against all text fields: pickup location, drop off location, type, driver name, car make, car model, and car number. Keyword search is optional.

Trip Search Results

- The trip search results show a list of trips that match the search criteria.
- This screen should show a back button, the number of matching results, and for each one, it should render a box with some info about the trip and its status.
- Each box has the following:
  - Trip start time
  - Trip final cost
  - Pickup location
  - Dropoff location
  - Rating
  - Trip status
- When you click on a box, it takes you to the full trip details screen.
- When you press back, it takes you back to the search screen with all your inputs still filled out.
- *Each row in the results should be a reusable component that takes the row as input.*

Trip Details

- The trip details screen is the final screen. It shows all the relevant information about the trip, including a map of the trip.
- This screen shows the following (but you can get creative and add more if you like):
  - Pick up location
  - Drop off location
  - Request date/time
  - Trip start time
  - Trip end time
  - Trip distance
  - Trip duration
  - Trip final price
  - Driver name
  - Picture of driver

- - ○ Picture of driver's car
    - ○ Driver's car make & model
    - ○ Rating
    - ○ Map of the trip
- The json data includes the actual images to use for driver and car, so use those instead of hard-coded icons.
- The back button goes back to the search results.
- *Feel free to get creative here and leave your mark on this screen. All the data is coming from the JSON provided above.*