Uber Website Project

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# Overview

The Uber website is the informative and the interactive website which is very easy to use and efficient. In this project, we are going to add some basic functionalities to this website and also going to make it more attractive by doing some UI changes. For now, we only had the Homepage without any data processing. We are going to store the various data of the users in this project. There can be 3 kind of users, who can use this website: 1. Admin – who can manage the other users and analyze the statistics of the website. 2. Riders – who can sign up to the uber and use its services. 3. Drivers – who provides the service to the riders. All 3 users should have different level of access authorities and functionalities.

# Scope of Work

For this project, scope of work can be divided into 3 categories which are described below:

## Admin Functionalities:

1. Admin can login from the separate page.
2. Admin can see the various statistics like users list, how many times user visited website, how many rides driver/rider has done, ratings, etc.
3. Admin can prevent the specific user from logging in by blocking the particular user.

## User Functionalities (Riders and Drivers both included)

1. User can Sign up as a Driver or a Rider.
2. User can Login as a Driver or a Rider. User can select the ‘remember me’ option which allows the user to stay logged in, even after user leaves the current session.
3. Users can edit their own profile after logging in.
4. Some pages can be only accessible after user logs in.
5. Site visit count can be calculated whenever user visits the homepage.
6. The language preference selected by user can be saved.
7. User can select pickup location, destination, type of rides, payment methods, etc. and can see the amount to pay and other details.

## UI Changes

1. Change images on background below the tab-list used in the homepage.
2. Add other UI changes if possible, using JS.
3. Sign Up/Log In pages.
4. Homepage after logging in.
5. Profile page for user.

# Implementation & Limitation

To implement all these functionality, Java Script will be used. Currently, we don’t have the server-side module and the database for the website which is the limitation of this project. So that, All the data will be stored in JSON files, Browser’s Local Storage and the Session Storage. The details and credentials of the admin will be static which can be stored in a JSON file. While user data will be dynamic and JSON files can’t be updated using client-side scripting, user data will be stored in the browsers local storage using Storage API. To build a proper UI for all pages, Bootstrap and the custom CSS with HTML5 will be used.

# Estimated Timeline

Estimated Time of Completion: 7 Days

* Day 1:
  + User functionalities
* Day 2:
  + Remaining user functionalities
* Day 3:
  + Admin functionalities
* Day 4:
  + Remaining admin functionalities
* Day 5/6:
  + UI Changes and minor modifications
* Day 7:
  + Handover