Web Application Report : Coffee Corner

Done By :

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Repository Link: [LikhitaSaiMatta/Web-and-Mobile-Development-Assignments: A collaborative repository for storing and managing web and mobile development assignments. (github.com)](#)

Overview:

We are creating a web application for coffee lovers to review cafes in their locality called "Coffee Corner" located in Ontario, Canada. It includes a main page, Cafes page, login functionality, and a signup page.

Components

1. Main Page (index.html):
   - Includes an "About Us" section describing the coffee shop
   - Provides contact information and operating hours
   - Location: Ontario, Canada
2. Cafes Page (cafes.html, cafes.js):
   - List of all the cafes added by a manager account.
   - Ability to add reviews to any cafe using a customer account
   - Displays the average rating out of 10 for each cafe.
   - Uses local storage to store cafes and reviews.
3. Login Page (login.html, login.js):
   - Implements a basic login system
   - Uses localStorage for user authentication
   - Redirects to index.html upon successful login
4. Signup Page (signup.html, signup.js):
   - Implements a basic login system
   - Uses localStorage for user authentication
   - Redirects to index.html upon successful signup
5. Styling (style.css):
   - Uses Google Font "Poppins"
   - Defines custom color variables
   - Implements responsive design with media queries

- Styles various sections including header, hero, about us, cafes and contact

Key Features

1. Responsive Design
   - Adapts to different screen sizes (max-width: 1024px)
   - Implements a mobile-friendly menu
2. Sections:
   - Home Page
   - About Us
   - Cafe
   - Login
   - Signup
   - Contact
   - Footer
3. User Authentication:
   - Basic login functionality
   - Uses localStorage for demo purposes

Cafe Review System:

1. Manager Role:
   - Ability to add new cafes to the system
   - Manage existing cafe information
   - Possibly view aggregated review data
2. Customer Role:
   - Browse listed cafes
   - Submit ratings (1-10 scale)
   - Write and post reviews for cafes
   - Possibly view other customers' reviews
3. Future Plans:
   - Creating a new page for each cafe in the list.
   - The page will contain the pictures, menu and contact for that cafe.

Technical Details

1. HTML Structure
   - Semantic HTML5 elements
2. CSS
   - Custom variables for colors and max-width
   - Flexbox for layout
   - Responsive design with media queries
3. JavaScript
   - DOM manipulation for login functionality
   - Event listeners for form submission

Contributions:

NOTE: The commits are done after finishing all the tasks, since we had been working together in the library. We will make sure to commit changes individually from the next assignment.

1. Likhita Sai Matta:
   a. Home page
   b. About Us
   c. Contact Us
   d. Footer
   e. All the styling for the application
   f. Responsive design

2. Jaywant Vijaykumar Patel:
   a. Cafes Page
   b. Login Page
   c. SignUp Page
   d. All the javascript functionality for the application