**Project Plan for Car-Pooling Management System (CMS)**

**A Digital Solution for Sustainable Urban Mobility**

**BIS698 Information System Project**

**A yellow and purple logo

AI-generated content may be incorrect.**

**Group 12**

**Rahul Reddy Pothireddy**

**Girish Reddy Madireddy**

**Sandeep Reddy Yeddula**

**Charan Kumar Chaganaboina**

**Karunakar Gaddam**

**Home Page**

A screenshot of a car connect

AI-generated content may be incorrect.

* The **Carpool Connect** interface allows users to **sign up or log in** as either a **driver or rider**.
* Once authenticated, drivers can post ride offers, while riders can search for and join available rides.
* The **navigation bar** provides access to core sections like **Home**, **About Us**, **Help**, **Login**, and **Sign-Up**.
* Users can view travel routes and destinations through an interactive **map interface**.
* The **Help** section offers guidance and support for using the platform. Overall, the system streamlines carpool coordination between users.

**Login page**

A screenshot of a login page

AI-generated content may be incorrect.

* This **Carpool Login** screen allows users to **log in with their username and password** to access the system as a driver or rider.
* If a user doesn’t have an account, they can click **"Register"** to sign up.
* A **"Forgot Password?"** option is provided to help users recover their accounts.
* The navigation bar remains accessible for quick access to **Home**, **About Us**, **Help**, **Login**, and **Sign-Up** pages.
* A password visibility toggle is also available for user convenience.
* This screen ensures secure and user-friendly access to the Carpool Connect platform.

**Register As User or Driver**

**A computer screen shot of a registration form

AI-generated content may be incorrect.**

* Users can register as a **Driver** by filling out the required details.
* The form includes fields for **Username**, **Password**, **Email**, **First Name**, **Last Name**, and **Phone Number**.
* There is an option to specifically choose the **Driver** role during registration.
* After completing the form, users can submit to create their driver account.
* A **“Back to Login”** link is provided for users to return to the login screen after registration.
* This process enables drivers to securely join the Carpool Connect platform.

**User Dashboard**

**A screenshot of a computer

AI-generated content may be incorrect.**

* Users can view a list of available rides that display important details such as departure and arrival locations, dates and times, duration, price per seat, and the number of seats available.
* They can book a ride by clicking the "Book Now" button next to their preferred option.
* The list of rides can be refreshed using the "Refresh" button to ensure the most current information is displayed.
* Through the "My Bookings" tab, users can access and manage their previously reserved rides.
* Additionally, they can update their personal profile information and securely log out using the options available in the top navigation bar.

**Driver DashboardA screenshot of a computer

AI-generated content may be incorrect.**

* **Drivers can view all their created rides** along with details like departure and arrival times, duration, available seats, price per seat, and ride status.
* **They can add new rides** using the "Add Ride" option from the navigation bar.
* **Drivers can edit or delete rides** through the "Edit" and "Delete" buttons next to each listed ride.
* **They can check the status of each ride**, whether it is scheduled or completed.
* **Drivers can manage booking requests and download ride reports** using the "Requests" and "Drive Report" options respectively.

**Driver Report**

**A screenshot of a report

AI-generated content may be incorrect.**

* **Drivers can download a detailed report** summarizing their ride activity in a downloadable format (e.g., PDF or Excel).
* **The report shows the total number of rides given**, helping drivers track their ride history over time.
* **It includes the duration of each ride**, allowing drivers to review how much time they’ve spent driving.
* **The report provides the price per ride**, offering insight into earnings from each individual trip.
* **Each ride entry in the report displays its status**, such as "Scheduled" or "Completed", to distinguish past and upcoming rides.