

Share the Ride, Enjoy the Glide.



Car Pooling System

CarGo is a web-based carpooling app developed with the MERN stack to connect travelers with drivers heading to similar destinations. CarGo simplifies commuting, reduces traffic congestion, and promotes eco-friendly travel by minimizing single-passenger vehicles. With secure authentication, Google Maps integration, and a seamless booking and payment system, CarGo prioritizes user safety and convenience.



# Google Maps API Integration

Provides precise location-based services with Google Maps API for search and auto-complete features. React.js components display maps and markers, enhancing ride creation and search forms.

02



03

# Booking and Payment System

Ensures secure booking and payments using a payment gateway like RazorPay API. Features booking forms and payment components, enhancing user trust and convenience.

# User Authentication and Profile Management

Establishes secure user access and personalized experiences with user registration, login, and profile management.



### Ride Management

Enables efficient ride creation, search, and management. Implementing Post ride coordination between the captain and the passangers.





### Objectives

- Implement user authentication and profile management.
- Integrate Google Maps API for precise location services.
- Develop essential ride management features, including booking and a secure payment system.

### Developed By

**G**13

Deepshikha 2104087 Siddh Chhabra 2104192 Vanshika 2104213

Under the guidance of Dr. Manpreet Kaur Mand