



PACKTRAVEL

CARPOOLING MADE EASY

"Anyone going to the airport?"

"Looking for a trip to Walmart."

"SSN office anyone?"

"People going to Charlotte HMU."

Tired of spamming your chat groups
with endless ride requests?

PackTravel is here to help you find and
share rides instantly, with people heading
to the same destination, at the same time.



Demo



Github



IMPROVEMENTS TO PACKTRAVEL

- **Google Map Integration:** You will now be able to autofill your exact source - destination locations and view the ride route thanks to the GMap API.
- **Ride Management:** Ride owners can decide a participant limit and manage join ride requests sent by users.
- **Secure Password Storage:** User passwords are hashed and stored in the database.
- **Improved UI:** Comprehensive Dashboard, that provides a clear overview of all ride requests and offers. Bootstrap and Animation elements used to revamp
- **ML Model for Fares:** You can now see the estimated Uber and Lyft fares for the ride you create.

TESTS!

WE have laid a **STRONG** foundation for YOU
adding up to **40 new Test Cases** and
achieving nearly **80% Code Coverage!**

WHAT'S NEXT FOR PACK TRAVEL?

- **Automatic Notifications:** Automatically notify users via email when someone joins their ride, keeping them informed through real-time alerts.
- **Cost Splitting for Uber/Lyft:** Introduce a feature that enables users to split the fare for ridesharing services like Uber and Lyft directly within the app.
- **Website Hosting:** Deploy the PackTravel website on a reliable server to ensure it is publicly accessible for user sign-up and usage.
- **Mobile Support:** Enhance the application's usability on smartphones by developing a dedicated mobile app or optimizing it for mobile browser viewing.
- **Real-Time Fares:** Pull real-time fares directly from Uber and Lyft.
- **Improve our ML model** - to predict cab prices. Data Scientists, you are needed!!!

TECH STACK



JOIN THE JOURNEY!

Don't miss out on the opportunity
to help enhance PackTravel!

Join the development and
contribute to the future of
collaborative travel!

Contact us today to get involved!

Team 38

Michelle Varghese
Makarand Pundlik
Varun Varatharajan

