



ALONG THE WAY

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Description

Our road-tripping app solves the problem of having to switch between multiple platforms or apps to gather information such as weather forecasts, points of interest, and fuel costs.



Features

- Multi-Stop Routing
- Authentication
- Find hobbies along the way
- Get weather along the way
- Estimate Gas along the way



Planning - User Stories

- Users are able to log in to the site and create an account
- Users can create road trip map, select destinations, search for points of interest
- Users can track the weather conditions along the way
- Users can obtain an estimated calculation of fuel expenses



Planning - Database

- A single document for users
- Holds their cars mpg and fuel tank capacity



Technology Stack

- Google Maps API
- Open Weather API
- Angular
- Java with Spring Boot
- MongoDB
- Typescript
- Javascript



Demo



What I Learned

- Frontend-Backend integration
- Google API
- MongoDB
- Authentication
- OpenWeather API
- RouteBoxer
- Git



What's Next

- Ability to save a short trip review
- My saved trip history
- Gas locator
- User Sharing
- ADA and Visual Accessibility

