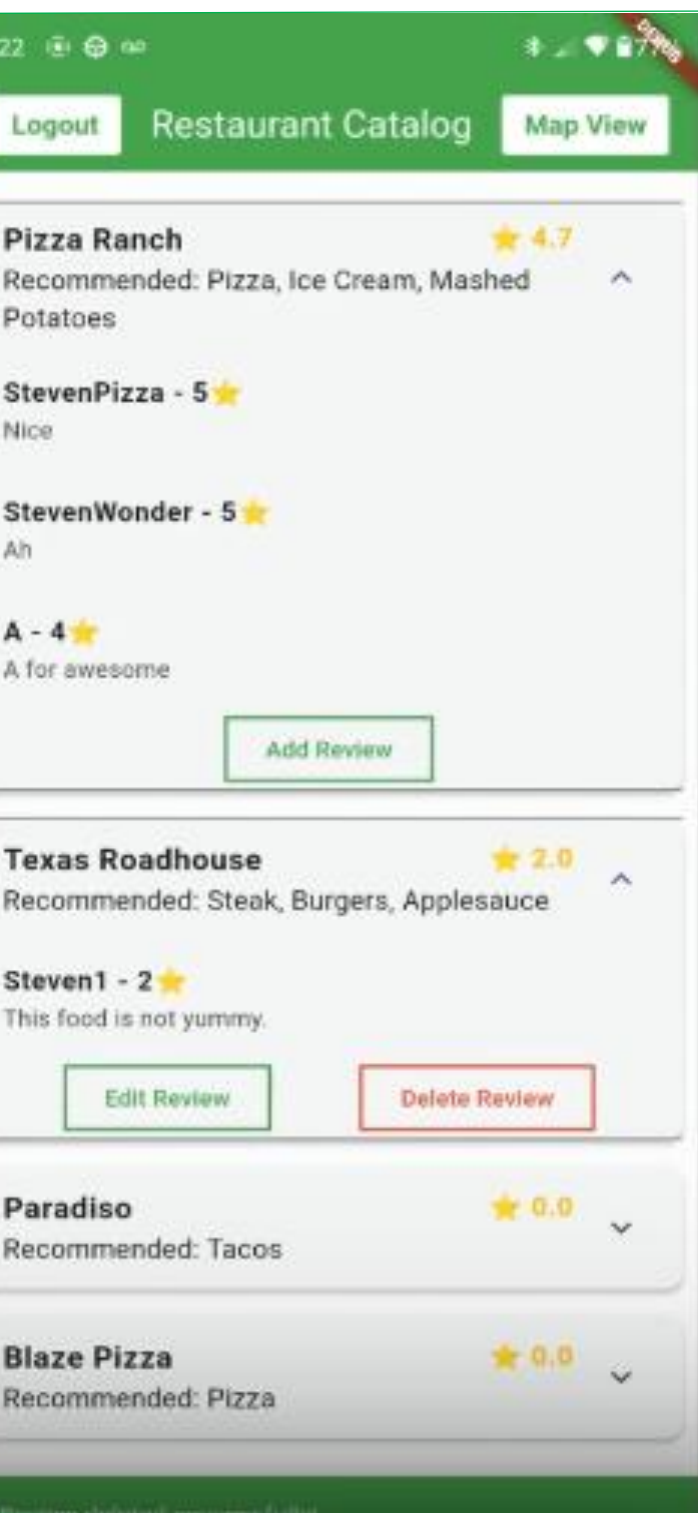# Gluten Freeway

By Steven Cusey

What Gluten Freeway Is

Anybody who has a gluten allergy can tell you how much eating out can be a pain. With **Gluten Freeway**, it is much easier to find good gluten free restaurants. Using **Gluten Freeway**, we can not only see the gluten free restaurants around us, we can see what types of food they offer and navigate to them with a GPS as well. **Gluten Freeway** allows users to see what types of food restaurants serve.
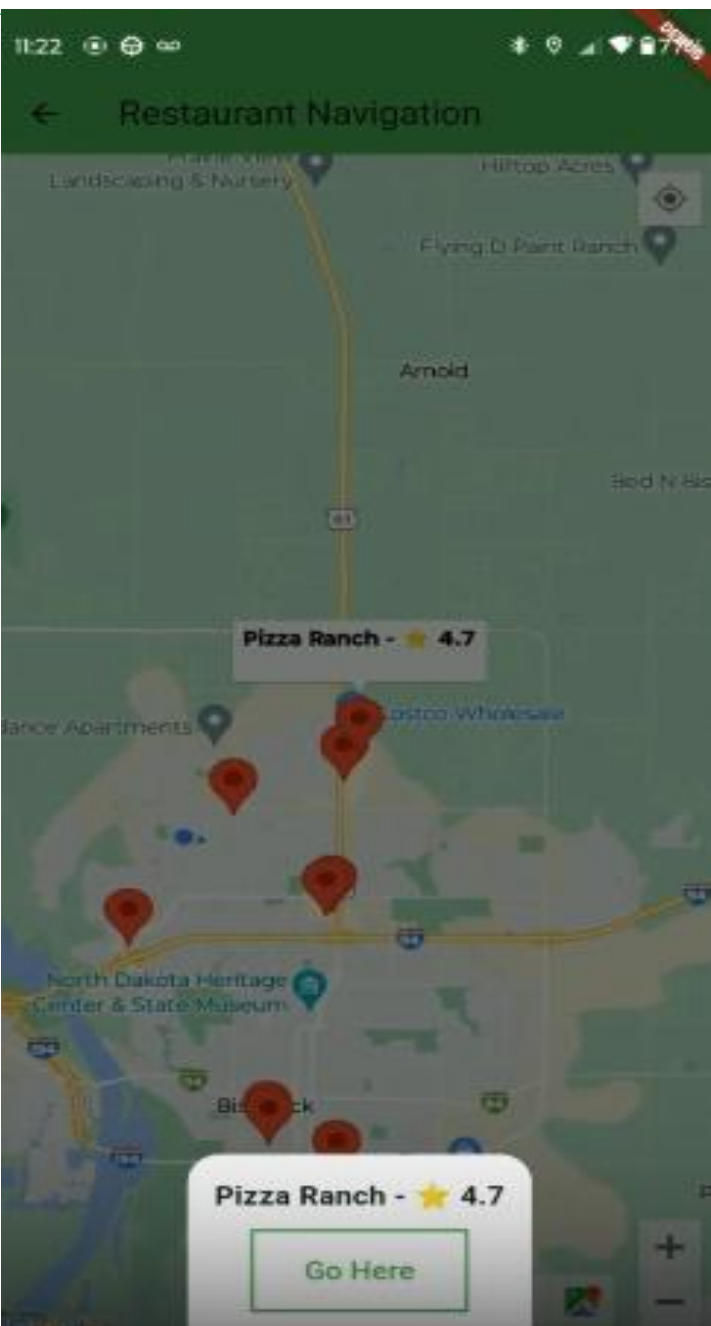
Reviews

Never eaten somewhere before? **Gluten Freeway** allows users to leave reviews! This ensures that you know what to expect when you approach a restaurant. You'll also be able to leave reviews for others!

Navigation

Need to know the way? **Gluten Freeway** uses Google Maps' API navigation technology in order to help users be able to drive to restaurants with ease!

Technologies Used

- **Front End** Dart

  Dart was chosen alongside Flutter because it is an emerging programming language for software development. I had never done a mobile app before this project, so I wanted to use a mobile language that allowed for a lot of customization.

- **Back End** mongoDB.

  I needed a good database for my app. In order to ensure that my app loads everything quickly, I went for a light database that makes it easy to store things.

- **Navigation** Google Maps APIs

  I needed to be able to navigate to my restaurants easily. Since I needed a tool that would allow me to get location data, I thought that I would use Google Map's API tools in order to help me add navigation features to me app. I have used many of Google's products in the past, so I trusted they would have an API that could help me.

Compatibility

- Gluten Freeway is compatible with Android Version 13 Devices.
- Gluten Freeway requires an internet connection in order to function properly

Biggest Challenge: The most challenging part of this assignment was getting the navigation API to work correctly.

About me

- I am from North Dakota.
- I have 3 dogs.
- I enjoy skiing, watching football and playing video games.

GitHub Repository and Other Contact Info

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Like what you see? Contact me at steven.cusey@gmail.com for more details.