TurboTransit

Turbocharge your travel

Tavin Tuner

Turner Naef

Jack Paulman

Mia Waddington

Jusung Kim

Our Vision

The Project

- Create a ride share service for Denver and the surrounding area.

The Aims:

- Make transportation more convenient, affordable and enjoyable.
- Reduce traffic congestion and carbon emissions
- Create a fun, friendly and enjoyable community of drivers and riders

Tools

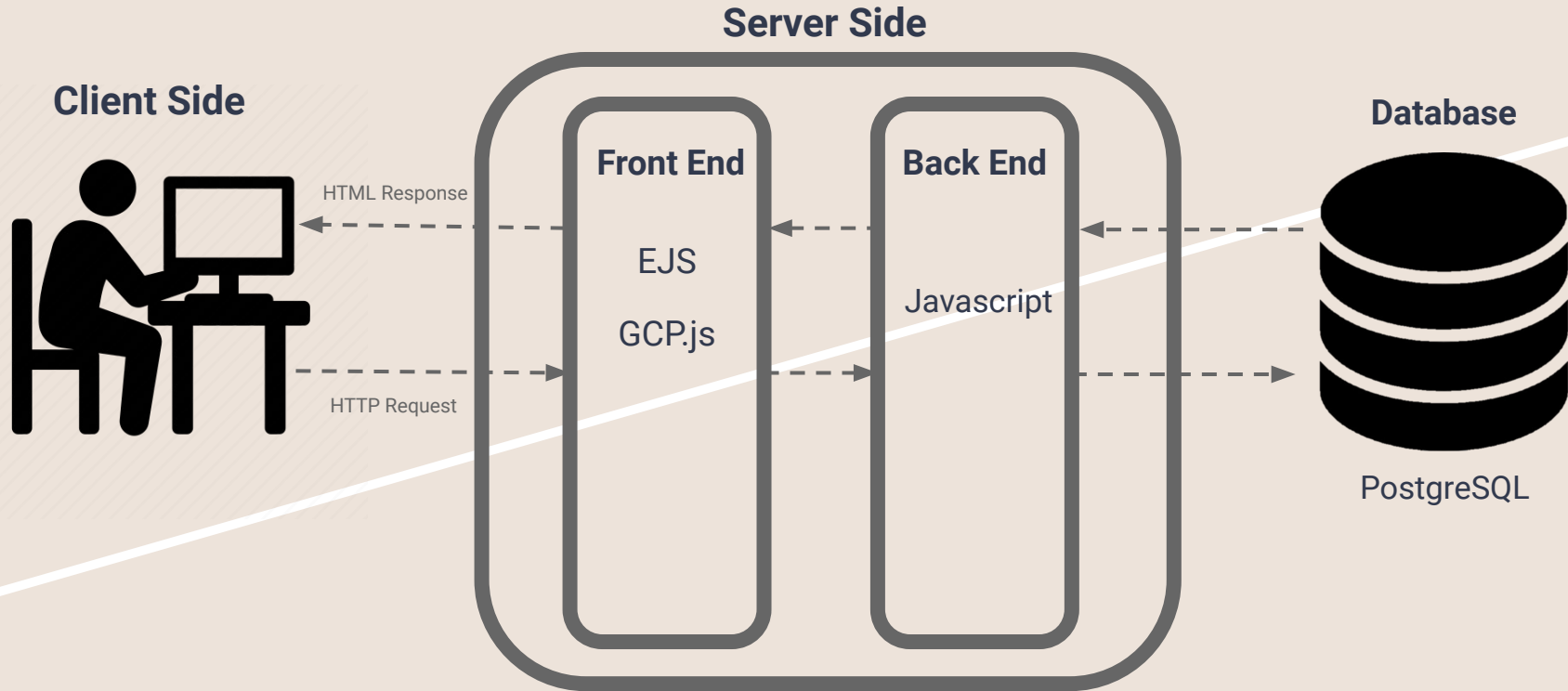|			
VCS		GitHub	5/5
PT		GitHub Projects	3.5/5
IDE		VS Code	5/5
DEPLOY	@	localhost	5/5
UI		Figma	3/5
	<%	EJS + CSS(Bootstrap)	2/5
GEO		Google Maps Platform	3/5
DB		PostgreSQL	4.5/5
SERVER		Node.js + Express	3/5
TEST		Mocha + Chai	3/5

Methodology

Agile
We implemented the agile methodology though the use of regular stand-ups, project boards and sprints.

Peer-Programming
We also implemented peer-programming techniques throughout our project to combine our skill in front and backend to integrate our project seamlessly.

Architecture Diagram

Server Side

Client Side

Database

Front End

Back End

HTML Response

EJS

Javascript

GCP.js

HTTP Request

PostgreSQL

Challenges

Uber API

Initially aimed to create a transport app that combined Uber and public transport API's to offer the user the fastest and most affordable route.

Issue:
The Uber API required a large amounts of legal documentation that was not feasible under the scope of this project

Resolution:
The team pivoted and focused on creating a rideshare app instead that allowed us to maintain majority of the code we had already implemented.

Future Directions

- My Trips Page: Adding the name and contact of people who have signed up to a trip so the driver can contact them

- Add a rating feature for drivers based on safety and friendliness

- Forgot Password feature

- Invite friends to trips function

Project Demonstration