User Stories (Shared Auto App)

Aim: To Extract Features or Requirements from Diverse Perspectives

Introduction:

This User Stories document presents a comprehensive collection of user stories, focusing on two distinct perspectives: the driver and different users. Each user story emphasizes specific features that are highlighted in bold, allowing for a clear understanding of their requirements and priorities. This document serves as a valuable reference for the development team to align their efforts with the needs of the users.

1. Driver's Perspective:

1.1. As a driver, I want to **receive notifications for nearby ride requests** so that I can quickly accept and serve passengers.

1.2. As a driver, I want to see **detailed information about a ride**, including the pickup location, destination, and estimated fare, before accepting it.

1.3. As a driver, I want to be able to initiate **contact with the passenger**, either through in-app messaging or phone calls, to ensure a smooth pickup experience.

1.4. As a driver, I want the application to provide me with the most efficient routes based on **real-time traffic conditions** so that I can reach my destination quickly and avoid congested areas.

1.5. As a driver, I want to have the ability to **accept or reject ride requests** according to my availability and preferences.

1.6. As a driver, I want the application to offer **voice-guided navigation**, providing me with clear and timely instructions, and allowing me to focus on the road and navigate easily without distractions.

1.7. As a driver, I want the application to provide an **online payment** option linked to my account, allowing me to conveniently get payment from users directly eliminating the need for cash transactions and ensuring a seamless payment experience.

1.8. As a driver, I want to have a reliable method to **report any technical glitches**, app malfunctions, or issues that may affect my ability to provide service.

2. Passenger’s Perspective:

2.1. As a passenger, I want to be able to quickly book a ride with just a **few taps** on the app.

2.2. As a passenger, I want to be able to choose the "**shared ride**" option so that I can pay less and share the ride with other passengers going in the same direction.
2.3. As a passenger, I want to be able to view the **estimated time of arrival** for my driver to plan my schedule better.
2.4. As a passenger, I want to be able to easily contact **customer support** for any issues or inquiries I may have.
2.5. As a passenger, I want to be able to view the **driver's profile and ratings** before confirming the ride.
2.6. As a passenger, I want to be able to **track the route** taken by the driver during my ride for transparency and safety.
2.7. As a passenger, I want to be able to pay driver using **online payment** methods for my rides through the app so that I can have a seamless and hassle-free payment experience without the need for cash or complicated methods

Tools, technologies, and frameworks used to develop the project.

- Tools: VS code, Github, Postman, Figma
- Programming languages: JavaScript, Dart
- Technologies/Frameworks:
    - Frontend: Flutter
    - Backend: NodeJS
    - Database: MongoDB