**Product Backlog**

**Epic 1: Authentication**

User Story 1.1: As a user, I want to log in to the application using my credentials so that I can access the features of the application and access my account.

User Story 1.2: As a user, I want to reset my password if I forget it.

User Story 1.3: As a user, I want to have an app interface as per my role.

**Epic 2: Map Integration**

User Story 2.1: As a user, I want to routes displayed in map.

User Story 2.2: As a user, I want to view real-time updates of bus locations.

**Epic 3: Payment System**

User Story 3.1: As a user, I want to pay for the seat I am booking through secure gateway.

User Story 3.1: As a user, I want to view my transaction history.

**Epic 4: Notification**

User Story 4.1: As a user, I want to receive notification on every transactions.

User Story 4.2: As a driver, I want to receive notifications on every seat booked.

**Epic 5: Rating and feedback**

User Story 5.1: As a user, I want to rate the ride and send my review on the experience.

User Story 5.2: As a user, I want to give my valuable feedback on my application experience.

**Epic 6: Driver Side**

User Story 6.1: As a driver, I want to update my live locations for passengers.

User Story 6.2: As a driver, I want to manage my routes and personal details.

User Story 6.3: As a driver, I want to view all the seat-booked details.

**Epic 7: Passenger Side**

User Story 7.1: As a passenger, I want to search for the available vehicles on the route.

User Story 7.2: As a passenger, I want to book seats on any specific vehicle.

**Sprint 1:**

**Sprint Planning: Authentication**

**Tasks:**

1. UI design for Authentication
2. Backend API for authentication
3. Role-Based routing(driver/passenger/admin)
4. Password Reset functionality

Duration: 2 weeks

**Sprint Backlog: Authentication**

Tasks:

1. **UI Design**

* Design Sign In and Sign Up screens.
* Design password reset screens.

1. **Backend Development**

* Build Restful API for authentication

1. **Frontend Development**

* Integrate Restful API with screens.
* Implement role-based routings.

1. **Testing**

* User role verification

1. **Review**