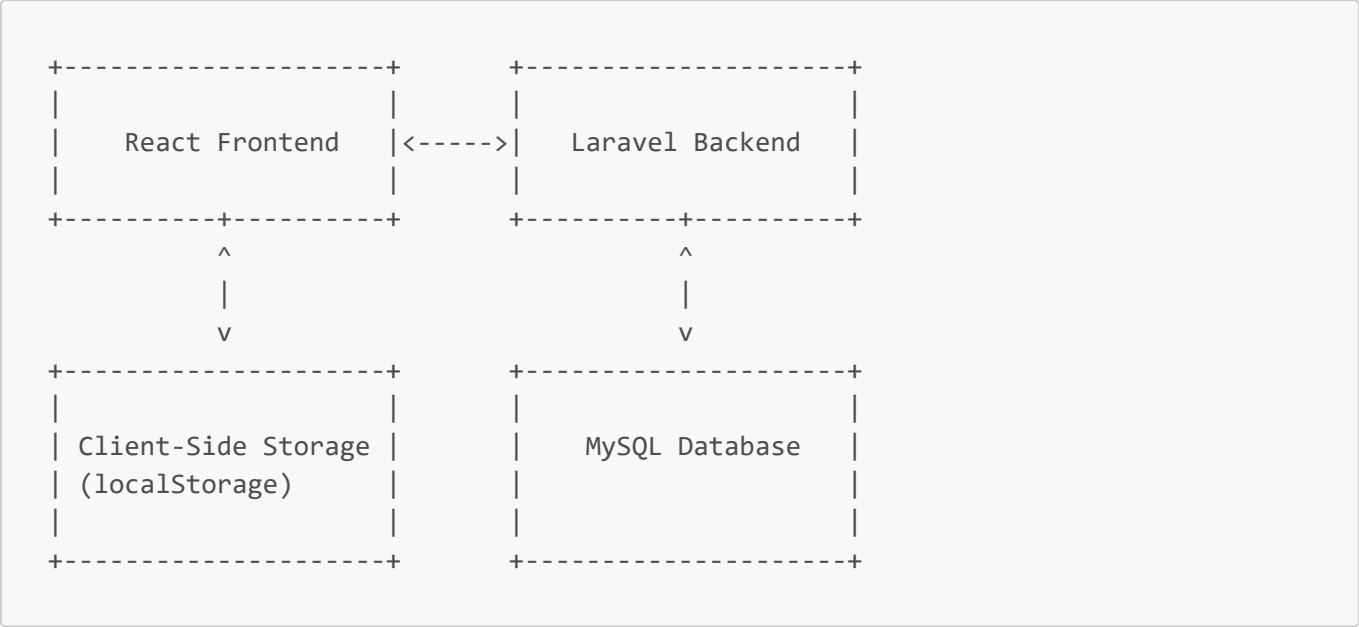


# RS-Express Bus Booking System - Architecture Diagrams

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## System Components Diagram



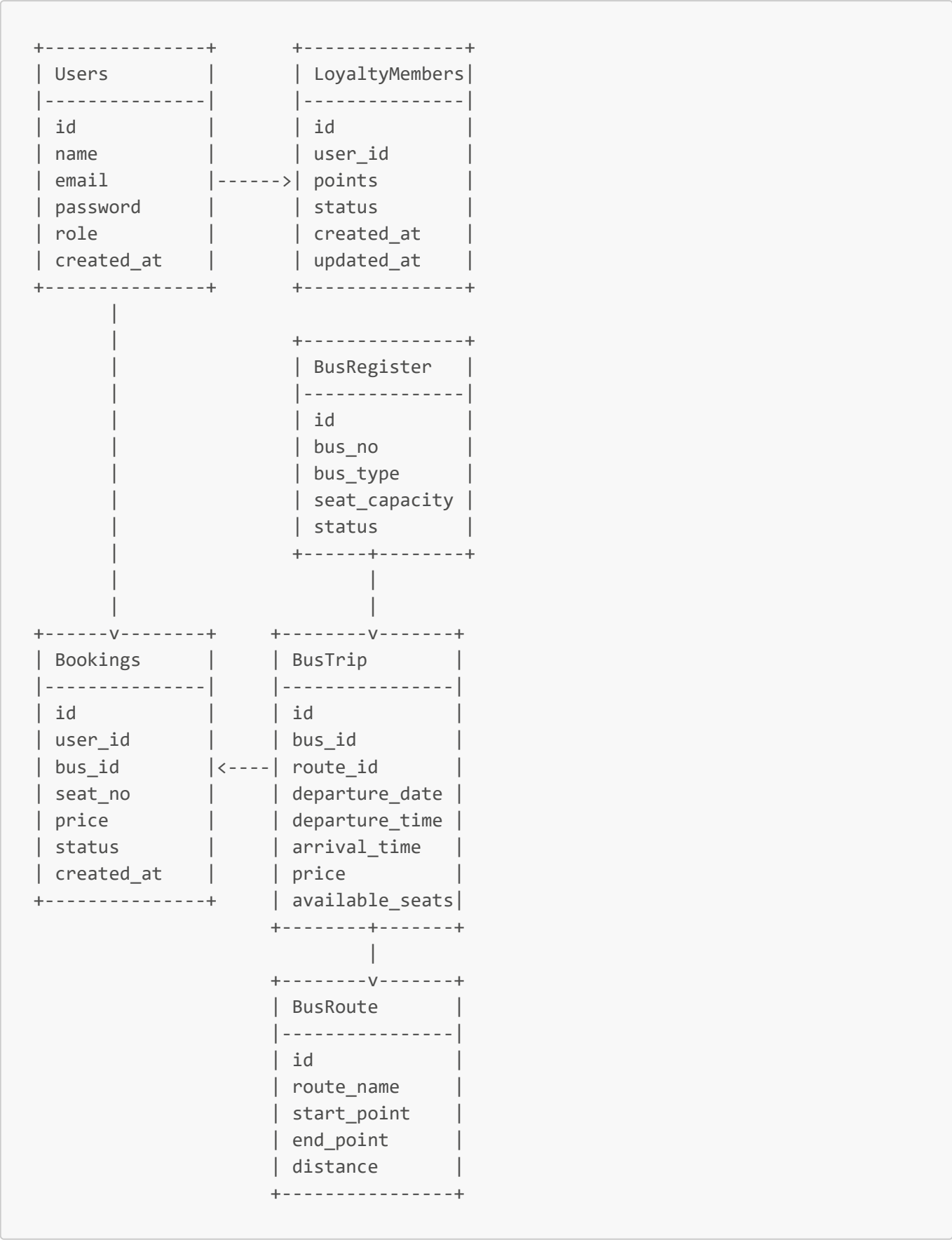
# Frontend Component Hierarchy



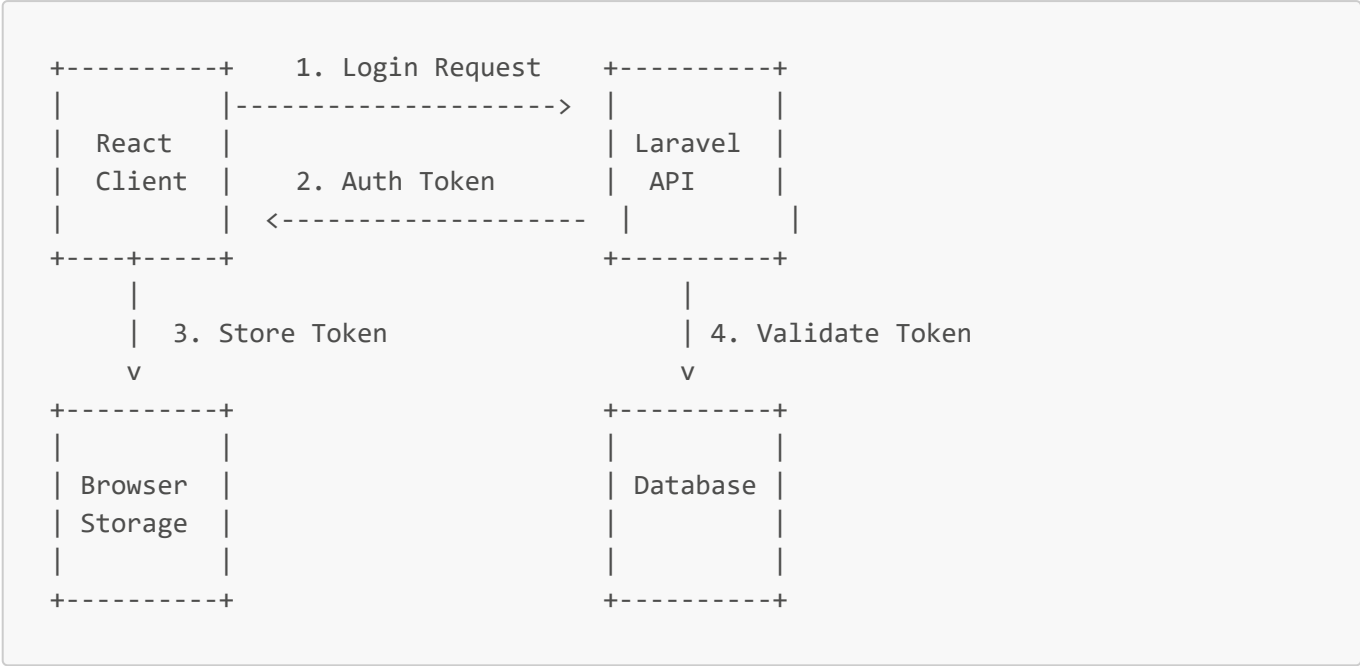
## Backend Structure

```
Laravel Application
├── Routes
│   ├── api.php
│   ├── web.php
│   └── auth.php
├── Controllers
│   ├── AuthController
│   ├── BookingController
│   ├── BusController
│   └── UserController
├── Models
│   ├── User
│   ├── Booking
│   ├── BusRegister
│   ├── BusRoute
│   └── BusTrip
├── Middleware
│   ├── Authenticate
│   └── CheckRole
└── Services
    ├── BookingService
    └── LoyaltyService
```

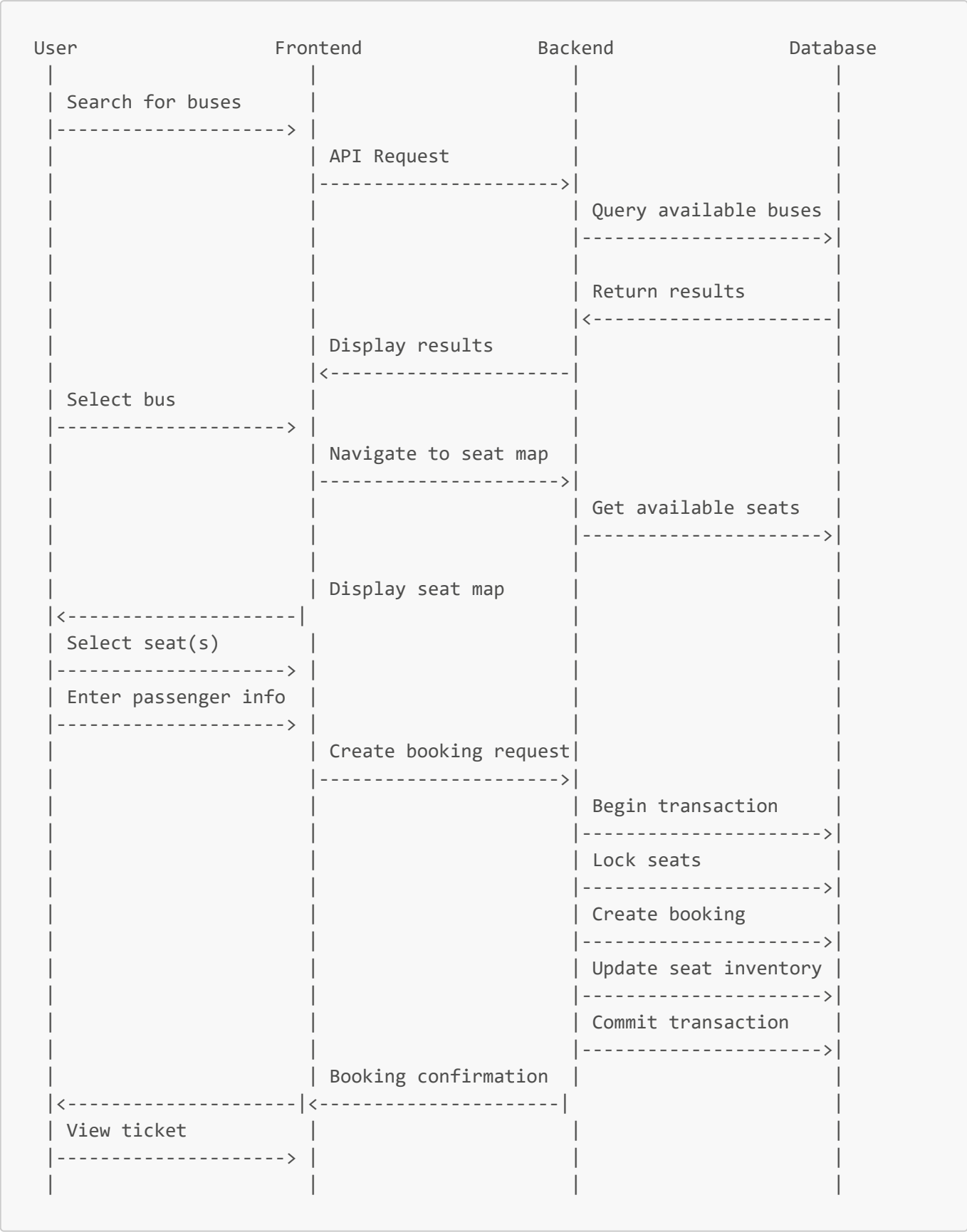
# Database Schema



# Authentication Flow



# Booking Process Flow



# Permission System

