Car Rental Architecture Diagram

Frontend (Web, Mobile UI)
React

1. User Request

API Gateway (REST)

2. Manage Reservation

3. Handle Rentals

4. Payment Service

4. User Authentication

Reservation Service

Rental Service

Payment Service

User Management Service

Save Reservations

Save Rentals

Save Payments

Use Domain Model

Use Domain Model

Use Domain Model

Use Domain Model

Manage Users

Domain Layer
Reserve, Rental, Car, Payment

Call external API

MySQL

External Services (Payment API, Email, Auth)