

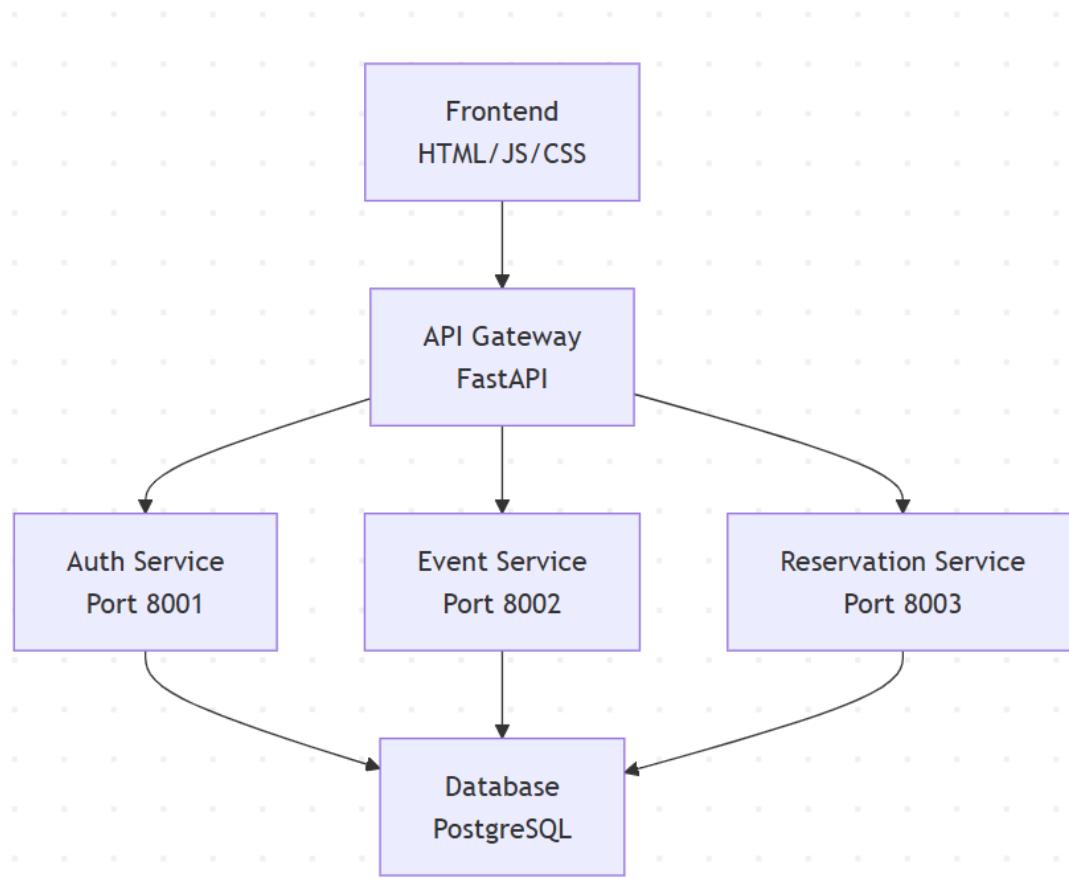
ProEventa Ticket Reservation System

1. System Overview

ProEventa is a comprehensive ticket reservation system designed for movies, theatres, and event-based bookings. The system adopts a microservices-oriented backend architecture combined with a modern web-based frontend to ensure scalability, maintainability, and separation of concerns.

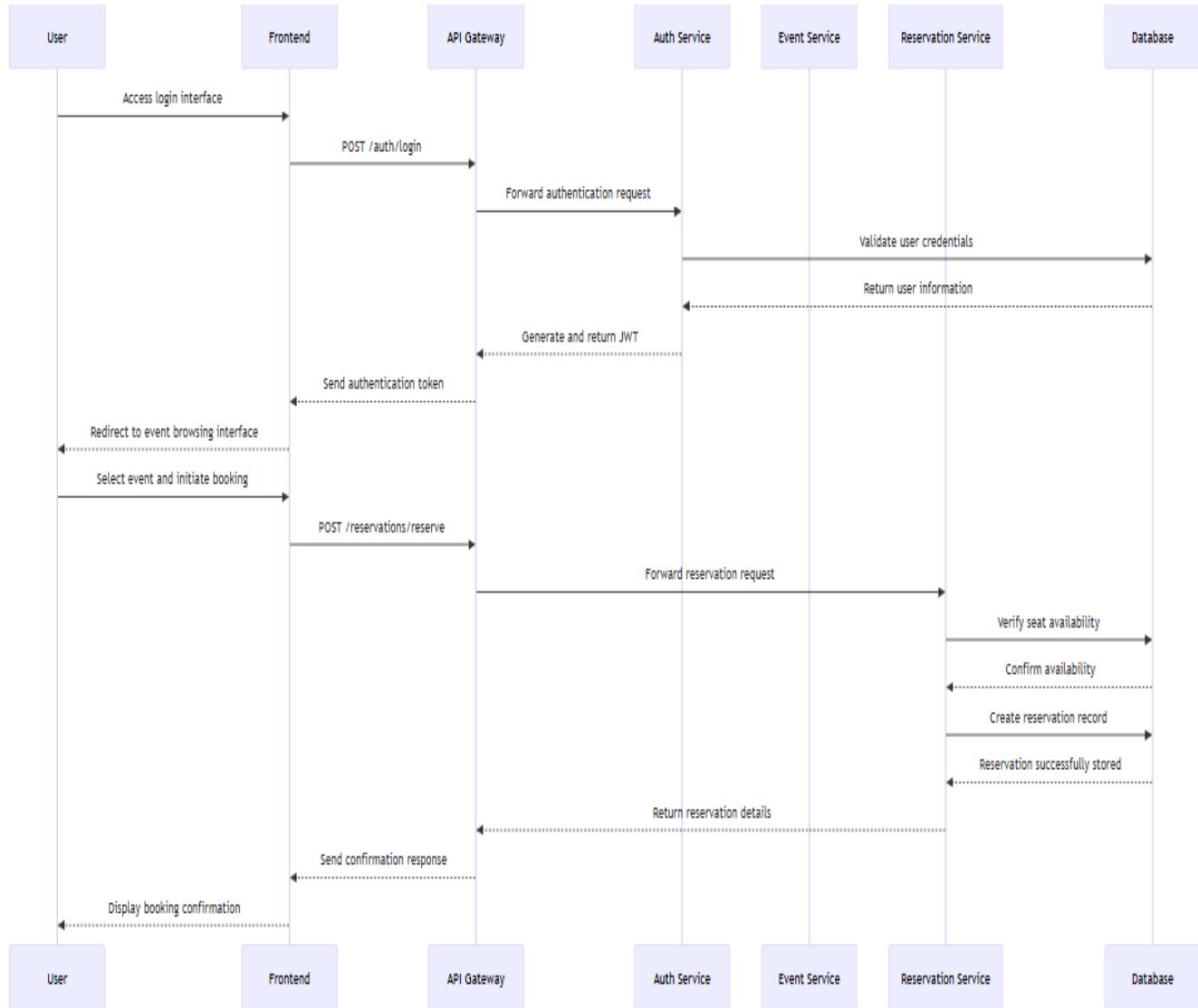
2. Architecture Overview

Figure 1 illustrates the high-level system architecture.



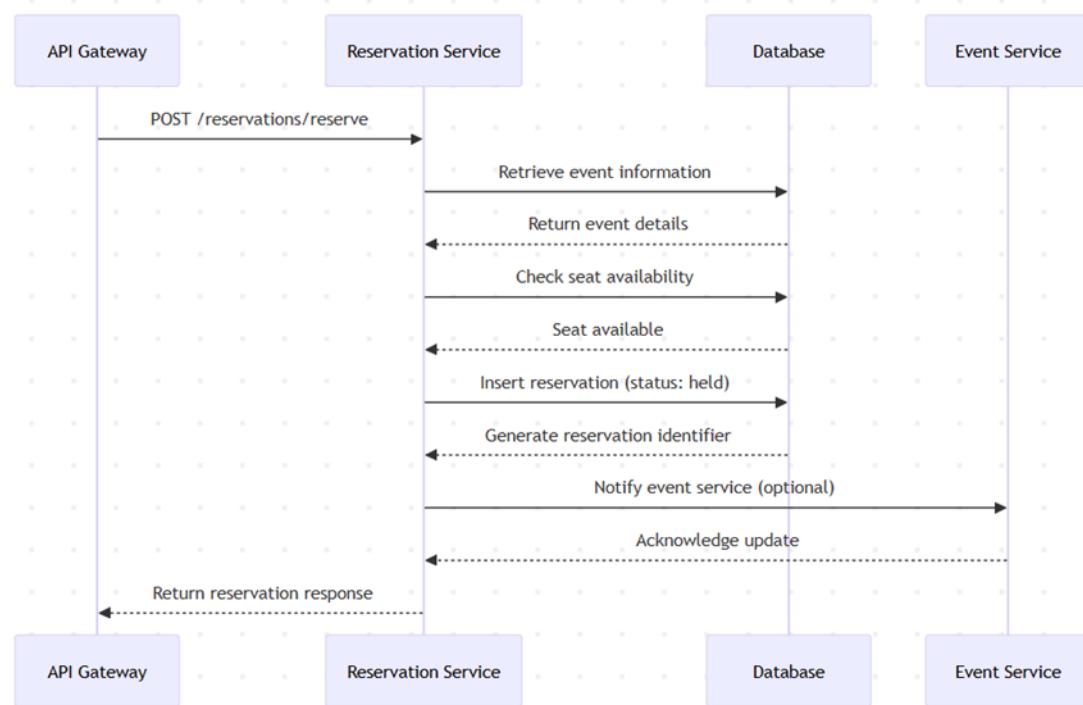
3. User Authentication and Booking Flow

Figure 2 presents the sequence of interactions during user authentication and booking.



4. Reservation Processing Workflow

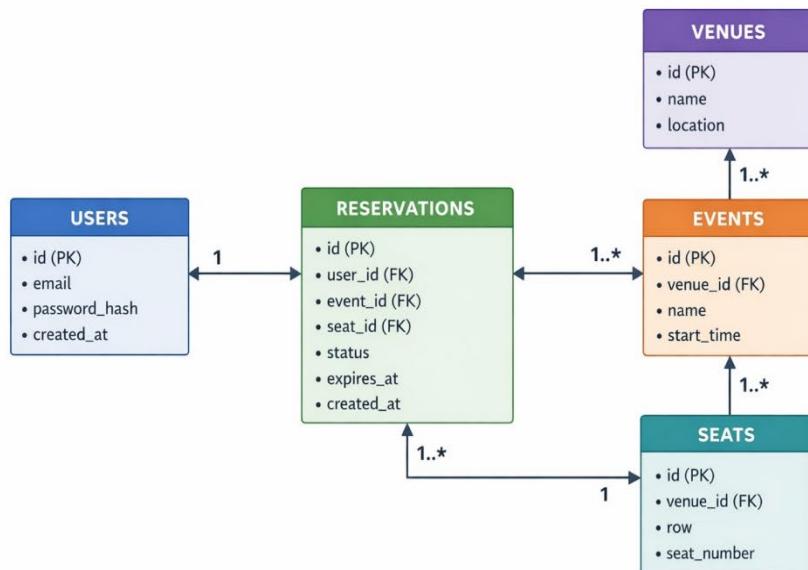
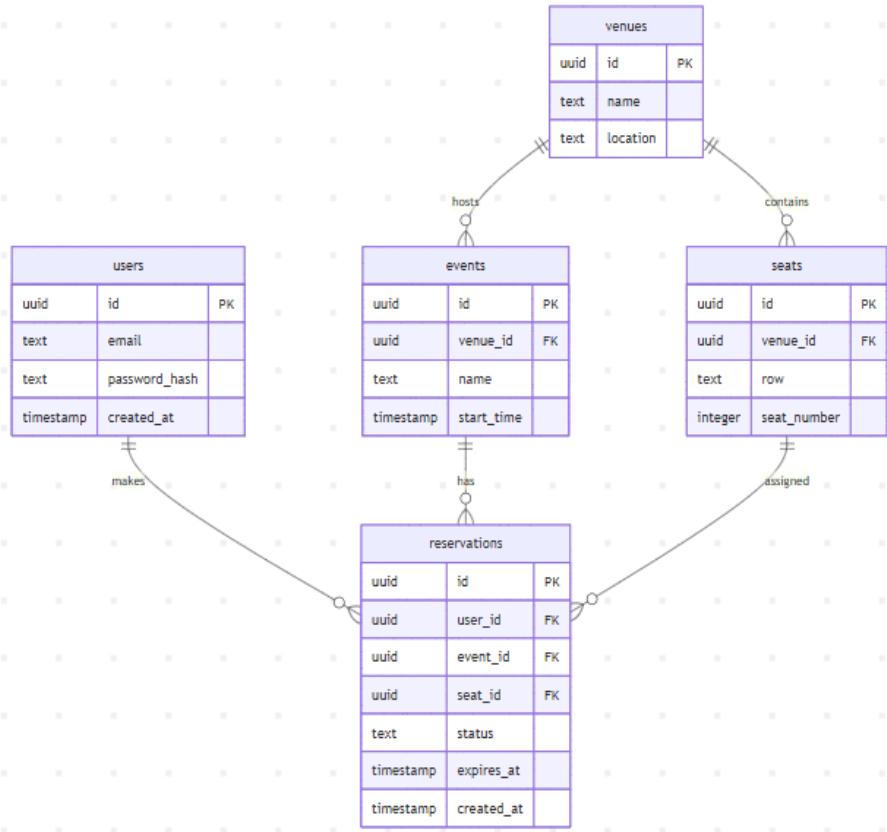
Figure 3 illustrates the internal reservation workflow.



5. Database Schema Design

Figure 4 depicts the entity-relationship diagram of the database.

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