Design Document

# Functional Requirements

* As an end user, I want to register for the app using my social media account so that I can quickly get started.
* As an end user, I want to securely authenticate with the app using a JWT token so that my data is protected.
* As an end user, I want to upload and manage my profile avatar so that I can personalize my experience.
* As an end user, I want to receive push notifications about important events and updates so that I stay informed.
* As a user, I want to chat with other users in real-time so that I can connect and collaborate effectively.
* As a user, I want to synchronize my data offline so that I can access it even without an internet connection.

# Technical Requirements

* Backend technology stack to be determined
* Database schema to be designed
* Real-time communication infrastructure (e.g., WebSockets) to be implemented

# Assumptions

* Payment service is already integrated
* Admin has access to all bookings

# Open Questions / Risks

* Query performance under load is unknown