

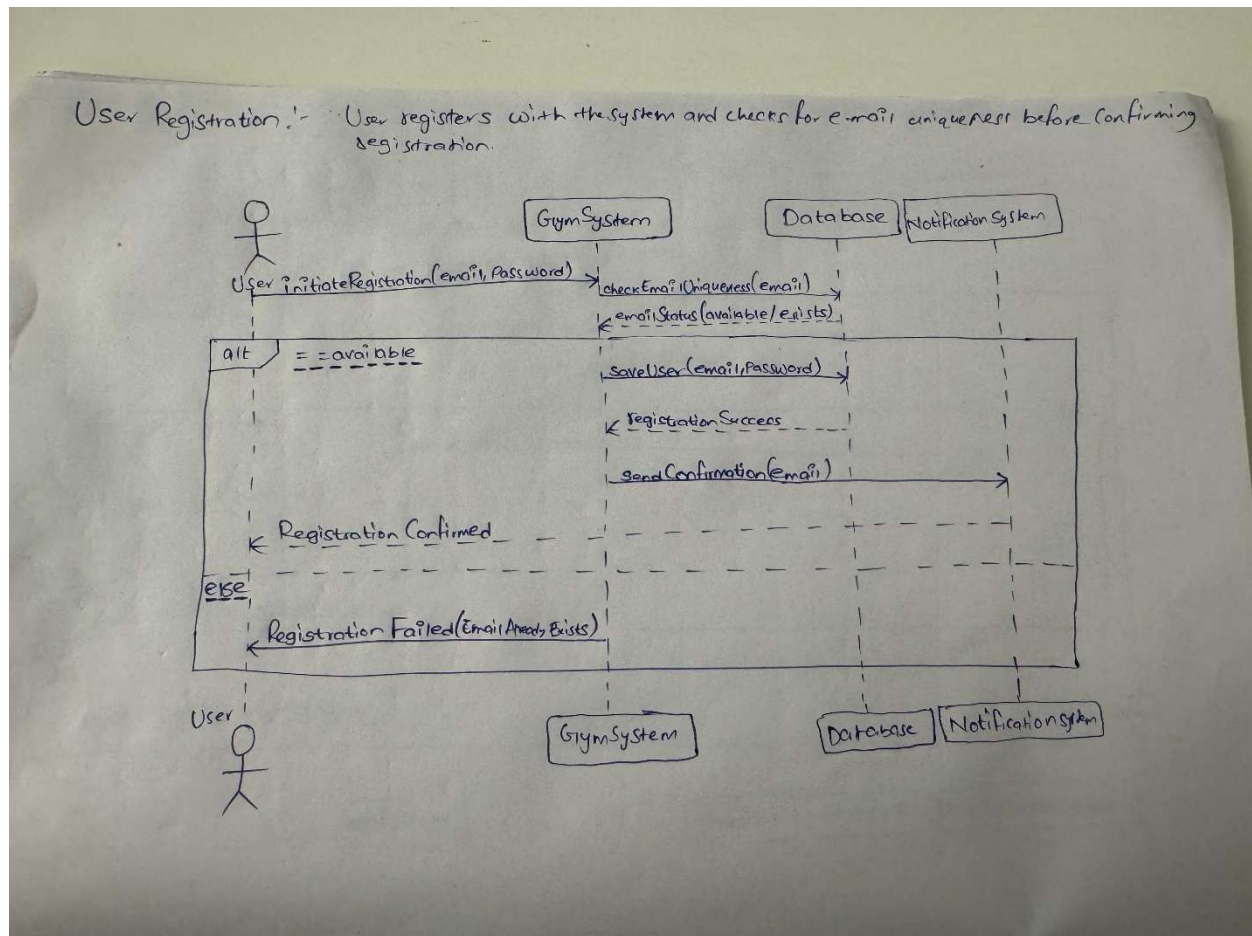
IC4 - Sequence + State Diagrams

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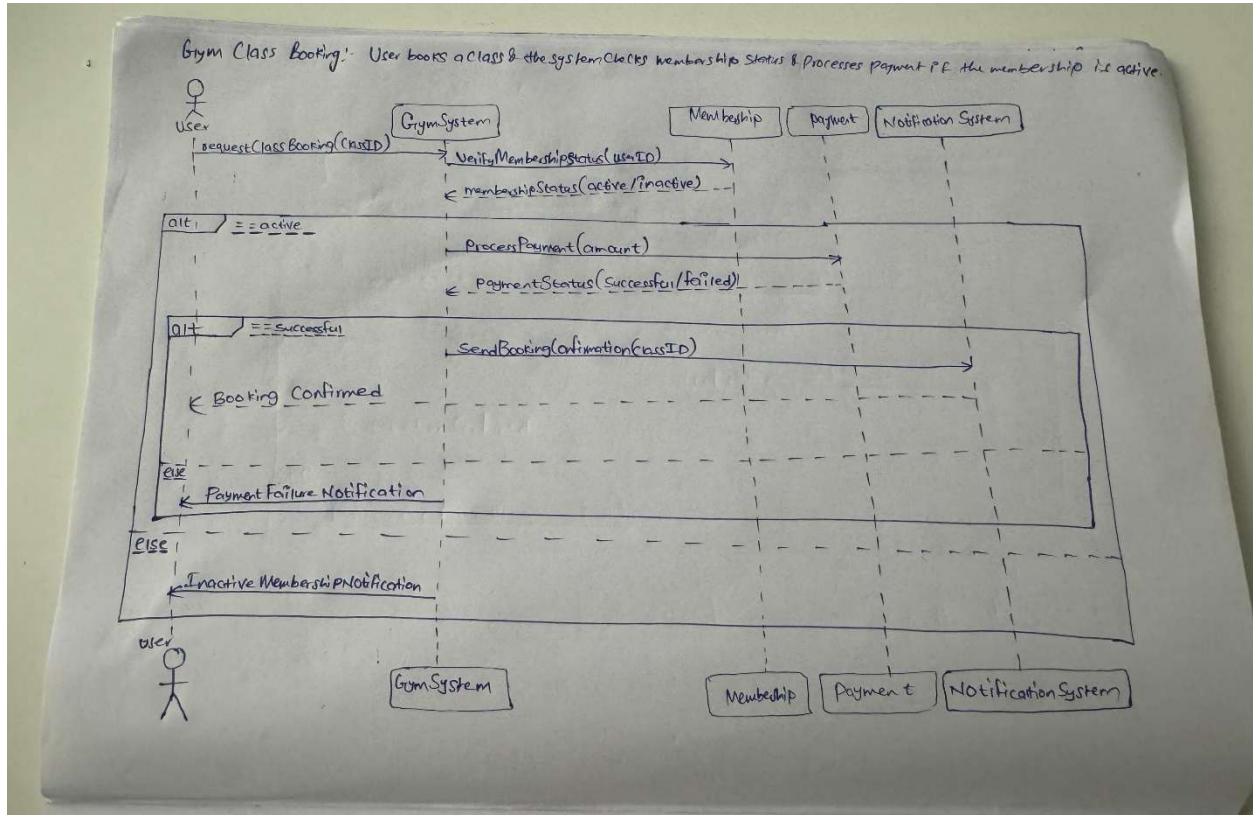
Sequence Diagrams:

For the sequence diagrams we have selected fragment style approach because this clearly represents different paths of gym class booking like successful booking, browsing classes, payment failure or membership issues. This approach can allow us to represent the whole in a single diagram.

1. User Registration process

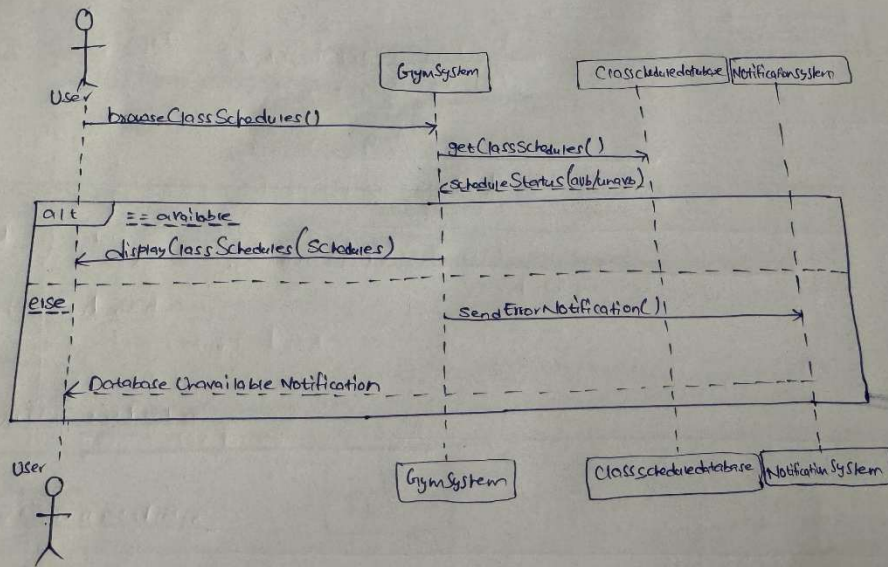


2. Gym Class Booking

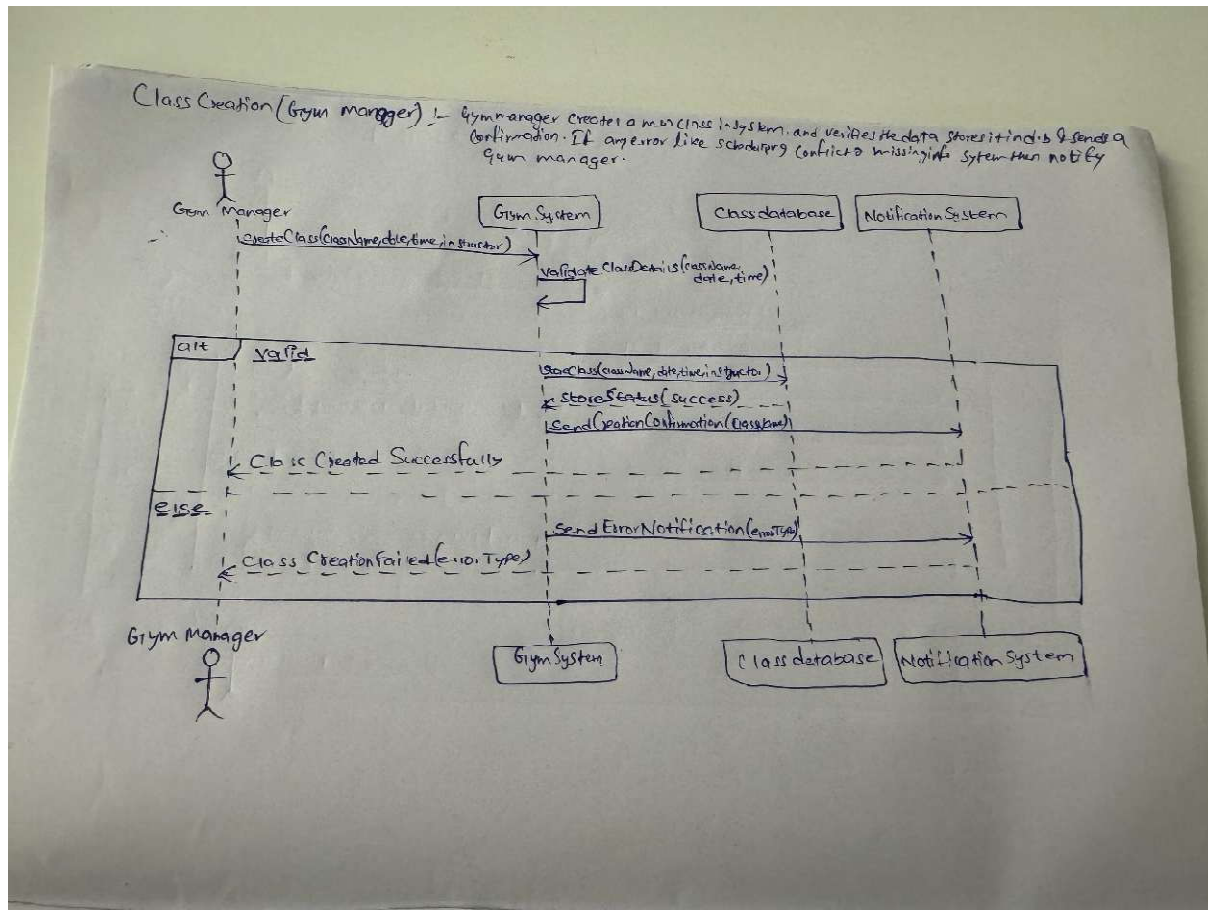


3. Browse Gym Class Schedules

Browse Class Schedules:- User browse the available class schedules. System retrieves schedule from database & display to user. If db is temporarily unavailable then error notification is sent.



4. Class Creation by Gym Manager



State Machine Diagram:

Class Booking Process State Machine:

