



GYM MANAGEMENT SYSTEM

Final Sprint – Winter 2025



APRIL 8, 2025

MIMYA HAFIZ- SD12-GROUP 7

Individual Report – Mimya Hafiz

Project: Gym Management System

Course: Final Sprint - Winter 2025

GitHub Repo: <https://github.com/stepbad/group7-gym-membership>

Code Contributions

- Developed and refactored core classes for Member
- Worked on main App.java and MemberMenu
- Updated all DAO classes related to Member
- Set up initial PostgreSQL database connection
- Developed SQL query for database
- Implemented the full functionality for MemberMenu system
- Create, update, delete, view, and perform operations on member profiles
- Register, log in, purchase a membership, view workout schedules and classes for members, and buy if you want to
- Demonstrating membership report of the membership types and total cost for only active types, discarding the expired ones
- I have worked on my 5 individual branches and PR requests

Team Collaboration

- Actively participated in daily stand-ups and testing sessions
- Coordinated with team members working on the App
- Reviewed teammate PRs and offered support during bug fixing and UI planning discussions
- Preparation and planning sessions

Challenges Faced

- Ensuring all member-related features worked correctly in different scenarios (viewing my purchase, cost, viewing class in 2 sections, and adding classes). It took a lot of trial and error to get the expected results.
- Designing a clean and user-friendly experience through a console-only interface introduced limitations in navigation and output formatting.
- Setting up the active and expired purchases, getting myself added to classes as a member really gave me a hard time.