

Fitness Gym Management Application

Specification of the project

Team Members: Benjamin-Emanuel IMBRESU, Neve MAGNANI

General Description:

This application aims to streamline gym operations, facilitating both gym administrators and members in managing memberships, scheduling classes, and tracking fitness progress.

Registration (for all three user types):

Users must register by selecting one of the three roles: member, staff or gym administrator. Registration requires a unique username, a password, and basic information like full name, address, phone number, and email.

Gym Administrator:

Upon logging in, the gym administrator can view member attendance, track equipment maintenance schedules and manage staff schedules and payroll. Additionally, the administrator can generate reports on membership statistics, class attendance, and financial performance.

Gym Staff:

After logging in, the gym staff can add, edit, or delete classes, and view member attendance. the gym staff can also view their work schedule and update their personal information.

Member:

After logging in, a member can view the gym's class schedule, reserve spots in classes,

and track personal fitness progress. Members can also update their personal information, view their membership status and renew memberships if necessary. The application allows members to set fitness goals, track workout history, and receive personalized workout recommendations based on their goals and progress.

This gym management application aims to enhance the overall gym experience for both administrators and members by providing efficient management tools and personalized fitness tracking features.