

Gym Management and Attendance Kiosk System



Objective:

To present the system: description, scope and limitation, and flowcharts.



The CROSSFIT Gym Management System enables admins to manage members, payments, and view plans with attendance as well, while members use a kiosk for self-check-in, profile updates, and real-time membership validation—efficient and offline-based.



This system also includes a unique feature:

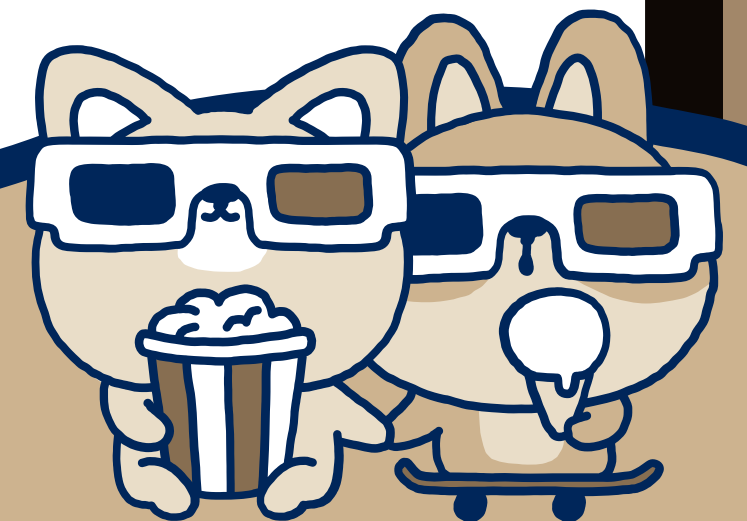
Self-Service Kiosk with Real-Time Attendance Validation

Members can log in at the kiosk to check in/out, view their personal profile, and validate their membership status instantly. The system automatically checks for active membership and alerts expired users, preventing unauthorized access—all without admin intervention.



Scope

The CROSSFIT Gym Management System handles member registration, attendance logging, membership payment tracking, and plan management. It streamlines administrative tasks at the front desk and enables self-check-in via kiosks, reducing manual work and increasing efficiency.



Limitations

The system is **offline-based**, limiting remote access for both admins and members. It requires local network reliability and regular manual data backups. In case of hardware failure, data loss is possible. Additionally, kiosk users must have basic technical knowledge to navigate the interface independently.

