

Gym Management System

Background

With the increase in awareness to stay fit and the health benefits that come with it, there has been a rise in gym subscriptions. With this growth in demand for fitness centers Gym franchises are expanding gym locations in each city which leads to the need for a centralized management. Legacy systems involve maintaining customer records locally and in a manually written file format. This is an arduous and financially intensive process.

Purpose

- Building a database management system to maintain subscribed customer records.
- Ease of accessing, modifying, and deleting customer records.
- Avoiding redundant customer records, preventing loss of customer data and cost-effective record maintenance.

Scope

With the current fitness systems being manual/semi-automated and advancement in technology and virtualization, lack of an automated system becomes a boon if not necessity for ease and a seamless experience.

Future Scope

The automated database system linked with an IOT/sensor-based gym entry system to provide access to only subscribed members.