

## Pre-Submission Report

Title :- Fitness Club Management System.

### Project - description :

The fitness club management is designed to help club owners to manage their customer's data and provide efficient service to the customers. It will provide a platform for the club owner to maintain the record of the customer's, including their personal details, package details, and training periods. This system will help the club owner to manage the customer's data more effectively, and it will reduce the manual effort required to maintain the records.

The system will be developed using C programming language. The data will be stored in a file, and the system will perform various operations on the file. The system will have a simple and user-friendly interface, and it will be easy to use. The system will be tested using various test-cases to ensure that it is working properly. The system will be capable of handling various inputs and providing accurate output. The system will be scalable, and it will be easy to maintain.

### Modules - Required :

1. Add record of customer to file
2. Delete record of customer
3. Display record of all customer.
4. Search the record of customer by mobile and name or id.
5. Display slot timings of club and user must be able select any slot.



Serial No.

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Notes

Date

08-03-2023

### Module explanation :

In this report, we will discuss the different modules of the Fitness club management system.

#### Modules :

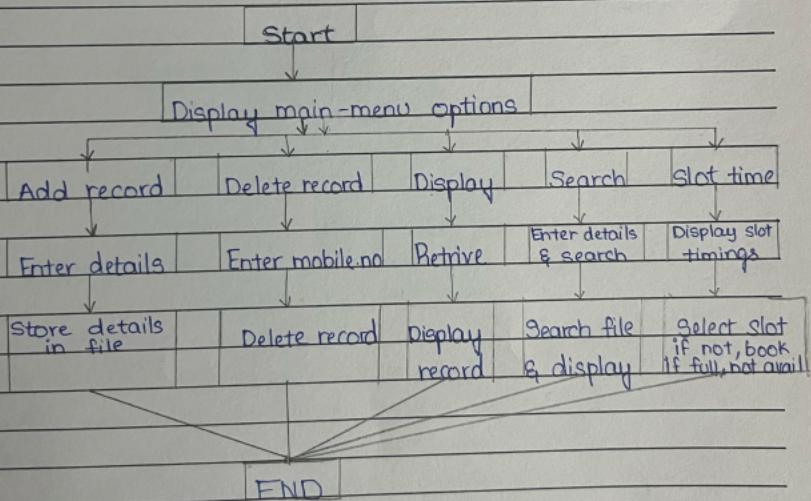
1. Add record of customer to file : This module allows the gym owner to add new customers to the system. The gym owner can input the customer's name, mobile number (number), address, date of joining and package details. The system generates Unique ID for each customer to keep track of their records.
2. Delete the record of customer : This module allows the gym owner to delete a customer's record from the system, including their ID, name, mobile number and delete their data.
3. Display record of all customer : This module displays a list of all customers in system, including their ID, name, number, address, date of joining, and package details, it allows owner's to keep track of their customer's progress.
4. Search the record of customer by mobile number and name or id : This module allows gym owners to search for a specific customer by their mobile number, name or ID. The system displays their record, including their training program, progress and other relevant details. This feature helps gym owners to easily access their customer's records and provide them with better service.



5. Display slot timings of club and user must be able select any slot. (Check if slot is full).:

This module allows gym owners to display the available slot timings for the gym. Users can select any slot they want, and the system check if the slot is available or already full. This feature helps gym owner's manage their gym's schedule & ensures that they can provide their customers with the best service possible.

Flowchart (or) DFD :



Scope :

The fitness club management system is designed to help club owner's manage their customer data more efficiently. The system will provide a platform for the club owner to maintain the record of customers, including their personal details, package & training details. The system will reduce manual effort required to maintain the records, and will help club owner to provide efficient service to customers.

The system is scalable and can be customized as per the club requirements. It can be integrated with other systems like payment gateways, etc. to provide solution to club owners.

The system's primary focus is to provide an easy to use interface, reducing errors in it. Overall, Fitness club management system will be valuable asset for owners to manage their customer-data & service to customers.

Conclusion :

The fitness club management system is a useful tool for gym owner's to manage their customers records and stream-line their operations. The system's modules enable the gym owner to add new customers, delete records, view all records of customer, search for specific customers, and display available slot timings. This software application helps gym owners manage their operations more efficiently, saving time and effort.