

Project: -

“Gym Membership Management System”

About

Gym Membership Management System project is written in Python. The project documents consist of a python manuscript (GymManager.py, main.py, customer.py). This is a console-based project which is extremely understandable as well as make use of. There is no login system here. Speaking about its features, it consists of all the called for features that include adding as well as watching consumer, plan records along with their settlements. While adding records to the system, the customer needs to enter the customer's name, contact information with joining the day.

Problem Details

The objective of this project is to manage gym memberships using the command line.

Features:

- Super-users should be able to perform CRUD for members and workout regimens.
- Workout Regimen:
 - **BMI stands for Body Mass Index**
 - BMI < 18.5: Use following workout regimen:
 - Mon: Chest
 - Tue: Biceps
 - Wed: Rest
 - Thu: Back
 - Fri: Triceps
 - Sat: Rest
 - Sun: Rest
 - BMI < 25:
 - Mon: Chest
 - Tue: Biceps
 - Wed: Cardio/Abs
 - Thu: Back
 - Fri: Triceps
 - Sat: Legs
 - Sun: Rest
 - BMI < 30:
 - Mon: Chest
 - Tue: Biceps
 - Wed: Abs/Cardio
 - Thu: Back
 - Fri: Triceps
 - Sat: Legs
 - Sun: Cardio
 - BMI > 30:
 - Mon: Chest

- Tue: Biceps
- Wed: Cardio
- Thu: Back
- Fri: Triceps
- Sat: Cardio
- Sun: Cardio

- Member Creation:
 - Following details should be required to create a member: Full Name, Age, Gender, Mobile Number, Email, BMI, Membership Duration in months (1, 3, 6, or 12).
 - Based on BMI a predefined workout regimen should be assigned.
- Profile can be viewed by the superuser by entering the contact number.
- Superuser should see following options:
 - Create Member
 - View Member
 - Delete Member
 - Update Member - It should include a way to extend and revoke membership.
 - Create Regimen
 - View Regimen
 - Delete Regimen
 - Update Regimen
- Member should see following options:
 - My Regimen
 - My Profile.