

SYNOPSIS FOR GYM MANAGEMENT SYSTEM

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SCOPE-

The purpose of building gym management web application is to automate all the operations which were paper based since many years. Any user can contact us and book their first class through the form in the website. Our website also provides information regarding supplements. Any customer/Member/User can consult a trainer via call or WhatsApp. The web app also provides the address of the gym with a map. Any person who wishes to join the gym can see the timetable in the classes section and book his first class.

The members who have registered successfully can log-in into the system and track their progress, check their payment status, check the daily assigned workout by their respective trainers, check monthly diet and can change their password too.

The admin panel will handle the overall administration. Admin will be able to add, delete and update members. Admin can also add, delete and update trainers into the system. Admin will create bills for the members and can update their payment status as well. He can also manage the diet details.

Respective Trainers of gym members will upload diet details daily. The trainers can also check the fee payment status of the members getting trained under them. And can also update the member's progress.

MODULES-

1. Book Class
2. Contact Us
3. Join Us
4. Member Registration
5. Member Login
6. Trainer Login
7. Admin Login
8. Add Member
9. Update/ Delete Member
10. Create Bill
11. Manage Bill
12. Add Diet
13. Change Password
14. View Diet
15. View Bill
16. View Progress

- 17. View Workout
- 18. Add Progress
- 19. Customer Rating/ Review

SOFTWARE SPECIFICATION-

Front End - Html , CSS, Bootstrap

Scripting Language - Javascript

Back End - Python

Framework - Django

Database – Mysql / sqlite3(In built in django)

Version Control - Github & Gitlab

Operating System - Windows

HARDWARE SPECIFICATION-

RAM- 4GB

HDD- 1TB

Processor- Intel i3 8th Gen dual-core and above.