

AI based Integrated Health Club management system

This is a cloud based Integrated software for complete Health Club management with features like Membership Management, Marketing Management, Reservations Management, Automatic Attendance Tracking, Event Management, virtual trainer and helpdesk, Class Management and auto class scheduling.

Virtual training and help desk: pre-trained chatbot which can handle all daytoday activities with clients and will guide users through different workouts and also provide a suitable diet chart to be followed as per the selected fitness goal. The chatbot will also present different exercise routines based on the intensity level the user chooses and is comfortable with. All general enquiries related to all branches is also possible through this system Can book and enquire about available slots for special activities like pool, yoga etc.

Club Kiosk :reception desk will have a club kiosk capable of handling club membership management and registration. A great solution for clubs with 24/7 access controls for client acquisition at any time with the help of virtual assistant.

Automatic Attendance Tracking system: works with both attendance management using face recognition and biometric system. This system marks attendance from multiple locations with a cloud stored database.

Retention Intelligence: This Business Intelligence module is powered by machine learning algorithms. This will deliver fresh insights on how many gym members may be expected to leave a Health club at any given time. This data is based on club member actions taken, their preferences, and how similar members behave.

Automated Notification system to staff and clients: With this automation module, admin can communicate special offers, class schedules, payment confirmations, contract due dates, and can automate the sign-up process via the client portal for more member convenience.

Automated Recurring Payments: revenue streams are automatic and reliable with recurring payments set up for all fitness membership dues.

Staff Management: Manage the staff operations in the health club with ease. dynamic employee scheduling, commission programs, and notifications for trainers and class instructors to help keep employees organized.

Technologies

language -python

tools and sdks- opencv , sklearn ,Django

Database:- mysql

Features of proposed system

- Voice bot
- Chat bot
- 24/7 support
- Payment automation
- Virtual training
- Automated notification system
- Attendance tracking
- Staff management
- Staff schedule management
- Recurring payments alert
- Online reservation
- automated sign-up
- Time tracking
-

Functions of proposed system

Virtual training is enabled using a pre-trained chatbot which can handle all daytoday activities with clients and will guide users through different workouts and also provide a suitable diet chart to be followed as per the selected fitness goal. The chatbot will also present different exercise routines based on the intensity level the user chooses and is comfortable with.