

# In the name of God

System design and analysis

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## Fitness Club App

### Project Description

As people are becoming health conscious nowadays, a significant increase can be seen among the members at various Fitness & Health Clubs. However, it is difficult for the fitness club owners to manually manage the admission entries, keep data of new & old members, scheduling events, etc.

The android app project proposed here aims at automating the management system for Fitness & Training Health clubs.

- New fitness clubs can register in the app and define their programs.
- New members can easily get registered with the fitness club by selecting the desired membership program completing the payment procedure.
- The members can then access the app by using login credentials.
- The users can select a goal for themselves & set a target.
- The app will notify the users of the upcoming events for which they can get themselves registered if interested.
- The app consists of various diet plans from which the members can choose as per their body weight & type.
- The club management team can view the list of all the members & can filter them as per their membership program.
- The club owners can add new events for the members. Thus, this App will provide a user-friendly experience to both the members & the fitness club owners.
- The User has an option to freeze his membership if he wants to halt his membership for some time and resume it later

This system is a complete package of a Health Manage club, like cult fit etc. where a user can take a membership program through the app and attend the gym physically along with that.

## Requirements

Teams should adopt the **Agile** development process. Project artifacts must be stored in a public repository with issue tracking and pull request facilities (e.g., **GitHub**). The team should also perform some formal project tracking, including defining milestones in advance, assigning roles to team members, developing testing and deploying plans, etc.

## Environment

No restrictions.

