

Project Charter

GYM-ME!

Team Members:

Dinesh Gajwani, Raaghavendar Karthikeyan, Manasi Goel

Problem Statement:

In our current society, when the rate of obesity is on the rise, people are constantly striving for motivation to hit the gym. Many of them are looking for a simple way to connect with others who have similar fitness goals and want to exercise together. Working out in groups is not only fun, but it also inspires people to be more inclined to exercise. Our Android application, GYM-ME!, would allow fitness trainers to sign up, giving the users the option of connecting with them and then paying the trainers within the app. While similar applications, such as www.trainerize.me, exist, they all charge a fee and this might turn away potential users. Our application will be free to use for both trainees and trainers. Additionally, our application allows users to connect to other gym goers so they can communicate and gain a sense of community through the application, which other trainer matching applications lack. Our application takes into account that there exists a wide variety of lifters, such as, but not limited to, powerlifters, bodybuilders, olympic lifters, and other fitness related activities, such as general fitness, cardiovascular conditioning etc. Hence, our application gives users the ability to tag their profiles with the appropriate tags and this places them in various categories, therefore, making it easier for people to find others in a specific discipline.

Project Objectives

- To develop a way for users to connect with trainers or other users with similar work-out goals through the use of tags, that place them in different categories.
- To develop profile pages that users use to share information about themselves.
- To allow users to sign in using their Facebook accounts and obtain information for their profiles using their information on Facebook.
- To produce lists with different categories available.
- To produce lists of different categories consisting of users and trainers with the tag that matches the category.
- To allow users to choose who they want to interact with.
- To allow users to chat with either trainers or other people within the app.
- To allow users to report other people using the application inappropriately.
- To provide a payment gateway for trainees to pay trainers.

Stakeholders:

- Android users.
- Athletes.
- Users passionate about the gym and fitness.
- Users who are personal trainers.
- Developers: Dinesh Gajwani, Raaghavendar Karthikeyan, Manasi Goel.
- Project Manager: Raaghavendar Karthikeyan.

Deliverables:

We will create an android application with the following aspects:

- A front-end with the following features and functionality:
 - A clean and simplistic UI
 - A user friendly, organized, and stable interface
 - User login
 - A list of potential trainers sorted by category
 - A list of potential gym partners sorted by category
 - Profile page for all users
 - Chat page for when users want to interact with each other and trainers
- A backend with the following features:
 - A REST API using Node.JS which accepts HTTP requests to POST and GET (hence making communication easy and allowing us to expand to other platforms easily).
 - A MYSQL Database that is normalized and lets us store all the information pertaining to the users.