Project Charter - Team 14
GYM-ME!

Team Members:

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Problem Statement:

Finding a gym partner or a suitable trainer can be a hard task, given some people don't want to work out with other people, or gyms lacking a plethora of fitness trainers who match one's style. Our Android application, GYM-ME!, would allow any and multiple fitness trainers to sign up, giving the users the option of connecting with them and then paying the trainers within the app. They can also find suitable gym partners within the app, hence bringing the fitness community together.

Background Information:

Background information and target audience:

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. The application could also be used by athletes in a certain discipline to find other athletes in that discipline. Hence, the app would primarily target athletes, users who are passionate about the gym and fitness, and personal trainers.

Similar applications and limitations:

Although similar applications, such as www.trainerize.me and fitnesstrainer.com, exist, they only serve as a trainer matching application. Our application allows users to connect to other gym goers so they can communicate, gain a sense of community through the application and actually go work out with them, which other trainer matching or fitness applications lack. Applications such as sparkpeople.com or weightwatchers.com exist, and do provide a sense of community, but not a lot of young people use them and they only cater to people generally looking to lose weight or get fit. Our application takes into account that there exists a wide variety of lifters, such as, but not limited to, powerlifters, bodybuilders, olympic lifters, strongmen, 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 field. Applications such as weightwatchers.com don't pertain to athletes or young fitness geeks just looking for a gym partner.

Requirements:
Functional:

1. As a user, I would like to login through Facebook.
2. As a user, I would want to create an account through Facebook.
3. As a user, I would like to create a profile with a display name to share information about myself with other users.
4. As a user, I would like to upload a display picture from my saved photos.
5. As a user, I would like to use one of my facebook photos as my display picture.
6. As a user, I would like to add an email to my profile through which I may be contacted.
7. As a user, I would like to change aspects of my profile after creating it.
8. As a user, I would like to view other users' profiles.
9. As a user, I would like to block other users from looking at my profile.
10. As a user, I would like to specify whether or not I am a trainer.
11. As a user, I would like to tag my profile with certain keywords (powerlifter, bodybuilder, etc.), and expertise levels.
12. As a user, I would like to be able to search for other users using keywords and see a list of users who are tagged with that keyword.
13. As a user, I would like to filter my search results for trainers.
14. As a user, I would like to see users based on proximity.
15. As a user, I would like to set a maximum distance between me and other people visible to me.
16. As a user, I would like to be able to click on a user in a list and be directed to their profile.
17. As a user, I would like to know the expertise of the other users on the platform.
18. As a user, I would like to connect with users by inviting users to match with me.
19. As a user, I would like to accept or decline an invitation to match with another user.
20. As a user, I would like to be matched with users that I have said I want to connect to and have said they want to connect with me.
21. As a user, I would like to start a chat with users I have matched with.
22. As a user, I would like to view the profile of a user inviting me to connect.
23. As a user, I would like to accept or deny an invitation to a chat.
24. As a user, I would like to unmatch with people I have already matched with.
25. As a user, I would like to add multiple people to a chat to create a workout group.
26. As a user, I would like to delete people from group chats.
27. As a user, I would like to exit out of group chats.
28. As a user, I would like to be able to see all my matched connections and chats in one place.
29. As a user, I would like to create a plan of what I intend on doing each day that I work out by typing it in (build my own workout schedule).

30. As a user, I would like to share my workout schedule with the people I've matched with.
31. As a user, I would like to be able to report other accounts for abuse/harassment.

Functional (if time allows):

- As a user, (non-trainer) I would like to be able to pay trainers through the app.
- As a user who is also a trainer, I would like to be able to accept payment through the app.
- As a user, I would like to be able to search through my matched connections using keywords or display names.
- As a user, I would like to set reminders at different times to work out.
- As a user, I would like to create monthly goals for the number of times I workout
- As a user, I would like to update my progress on each monthly goal
- As a user, I would like to see my monthly goal and whether I have achieved it.

Non-functional:

- We should be able to use the user's location automatically using GPS.
- We should gracefully exit the application if the connection to the server/API fails.
- We should be able to use this application on an Android device.
- We should be able to use this application on an Apple device (If time allows).
- The interface needs to be simple so that anyone can use it without any training.
- The system needs to be scalable to handle a few thousand users at once.
- The downtime per month should be limited to an hour.
- As a user, I would want the application to be smooth and bandwidth efficient.
- As a user, I would like the app to respond relatively quickly.
- Since we aren't handing any sensitive information, the only security precautions will be data and network encryption between the client and the server.