CptS489 Project Proposal

Fitness Tracking Social Media Platform
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Project Overview

For our team's project we've decided we would like to create a social media platform specifically focused around achieving fitness goals. For this social media platform, a user will be able to track and log workouts that they do so they may have a record to show progress over time. User's will also be able to see workouts and progress that their friends have made as well as progress of global users (Who burned the most calories in a week, who ran the most miles, who improved the personal record by the highest percentage, etc.).

This is not an original idea as there are other similar social media platforms that we have found in our research. However, each one of the existing fitness based social media platforms has some flaw in it, whether it be a poor UI, lack of device support, or poor social media integration (Focused almost entirely on fitness tracking but not comparing with others). For our website we would like to specifically focus on being able to track your progress and compare friends.

In order to meet our goal we will implement the following features into our website. The ability to upload workouts the user has completed, this includes individual exercises, pre-created workout routines, workout challenges, etc. The ability to add friends from all other users on the platform, adding a friend will make any posts that they create show up on the user's friends feed. The ability to create workout routines that consist of individual exercises and share those routines with either the members of your friends list or globally. The ability to do group workout challenges with members of your friends list where everybody competes to see who can achieve the most (examples listed previously). In addition, users will have the ability to interact with other user's posts; including the ability to like and comment on them. Progress tracking, allowing the user to see how they've improved over time (Improved running pace, heavier weights for individual exercises, pounds lost, etc.). Ability to see other workout routines that have been posted by global users.

This website is targeted at individuals who frequently workout and want to track their improvement over time, as well as have many friends who workout and also wish to track their improvements. This website would serve to motivate users through competition to continue working hard and bettering themselves.

Unique Selling Proposition

As mentioned previously there are currently social media platforms that set out to achieve a similar goal, however we believe that each of them lacks in some form. Certain platforms are either IOS exclusive, have a poor UI, have poor tracking features, don't allow for a friends competition feature or don't allow for fitness record tracking. We would like to take what works from existing platforms and add what we think each of them is missing to create an ideal fitness tracking social media website that is not only easy to use but also effective in motivating its users.

Pages

The website will include the following 10 pages:

1. Sign-up

    1.1. Allows users without an account to create an account

2. Login

    2.1. Allows users with an account to login to their account and have a customized experience on the platform (see their friends posts, post their exercises, be able to interact with posts, etc.)

3. Friends Feed

    3.1. Shows all posted workouts that an friends of the user have created in chronological order

4. Global Feed

    4.1. Shows featured users/posts as well as prominent feats by individual users (most miles run, largest improvement in one month, etc.)

5. Notifications/ Alerts

    5.1. Shows all of the users notifications in chronological order. Examples include new posts from friends, a friend beating a group record, a workout challenge being completed, etc.)

6. Post Exercise Page

    6.1. Allows users to post an exercise that they have completed

    6.2. The user may either choose the exercise from a dropdown list of exercises or type in an exercise that is not included in the list

6.3. Users are able to name the exercise, set what time the exercise happened, and include stats about the exercise (how long they did it for, how many calories burned, how much weight was used etc.)

6.4. Users have the option to post a video or picture to accompany the post

7. User profile

7.1. Displays user profile information including name, username, and profile photo

7.2. Shows user's past workouts

8. Workout Progress Page

8.1. Shows personal records for each exercise that the user has participated in

8.2. If you click on an exercise it takes you to the individual exercise progress page

9. Individual Exercise Progress Page

9.1. Displays graph of the progress made on the exercise over time

9.1.1. For example - displays a graph of how fast a user runs a mile by plotting the miletime on the x-axis and the day on the y-axis to show how the miletime has changed overtime

10. Suggested workouts page

10.1. Shows suggested online workout programs based on the user's workout history and preferences

Team Members

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