

CSCI 490 - Senior Project Proposal

Overview:

Fitly, or Fitness Loves You, is a Java Spring web application. Fitly has two main goals. The first goal is to encourage the user to workout by providing challenges that, once successfully completed, give “Fit Coins” to the user. The user can use these coins to do a numerous amount of different things.

The second goal is to provide the user a profile page that helps them manage anything they could possibly need as they go about their fitness journey. The profile page will help the user keep track of things such as goals, weight, measurements, picture updates, etc.

Challenges:

There will be many challenges of all different levels. Only certain challenges start off unlocked. You must use a combination of completing previous challenges and using the coins that you earn to unlock new challenges. Certain challenges give emblems, or something, that will be displayed on your profile page so that you can show your friends how cool you are. Challenges will be approved, possibly... somehow.

Fitly Store:

The store will contain items that can be bought by users. Not 100% sure on what will be in here, but things to unlock challenges and emblems will be some of the things. Possible further ideas include things such as supplements, or workout clothing much like bodybuilding.com gives out. “Fitly Points” can be bought from the store using a micro transaction system. These points are bought with real money, but are used the same as “Fit Coins”. Not 100% sure how this is all going to work.

Profile Page:

The Fitly profile page will be much like any other fitness profile page. It will keep track of all of your fitness statistics (i.e. body fat %, height, weight, etc.), supplements, goals, workouts, updates, and pictures. You will be able to look back and see all of your fitness progress, including the challenges you have completed, rewards you have earned, and emblems you have gained.

Possible Future Features:

- Friends - social media
- Verifying challenge completion
- Custom Challenge - send to friends
- Items from fitness companies in Fitly store (coupons, clothes, gear, etc.)
- Graphic tracking of fitness stats.
- Special challenges