Final Project

Live demo in class during final time on May 6, 8:00-11:00am

Overview

- Final project will replace the final exam
- Worth 35% of your grade
- Work in teams of 3 or 4
  - Don't have to be in the same lab section
- Submit a proposal outlining your project (storyboard) - Due April 18th
- Live group demo on Zoom at May 6th , 8:00-11:00am
- Submit code to CATCourses by 7:30am on May 6th

Requirements

- A substantial web application hosted live on the Web

- More in-depth than Lab 8

- Requires a database, server, and front end

- Requires user sign up and login with hashed/salted passwords

- Pick a project (or variation) or come up with your own idea

- Impress me!

"A" Grade Ideas

- A social media web app
  - Allows users to post a status update
  - Allows users to follow other users
  - Generates a user feed from the status updates of other users
  - Allows users to like posts
  - Could share text or pics (Consider picking a theme)
- Collaborative web app
  - Users can join a session
  - Users in same session receive live updates
  - Saves some info in profile
  - Ideas: Checkers, Tic Tac Toe, Battleship, Collaborative white board

"A" Grade Ideas

- An interactive analytics map app
  - Plots data on a map
  - Ability to filter based on criteria
  - Saves preferences to profile
  - Ideas: Home prices map, crime map, Taco Bell map
- A forum web app:
  - Users can post questions on topics
  - Users can filter questions on topics
  - Users can answer questions
  - Users can upvote and downvote answers
  - Pick a theme for your forum