

Final Project

Live demo in class during final time

Overview

- Final project is presented during final exam and will replace the final
- Worth 35% of your grade
- Work in teams of 3 or 4
 - Don't have to be in the same lab section
- Live group demo on Zoom
- Submit code to CATCourses by 11:59pm on Dec 15

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
- Web apps should be hosted live online
- 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