CMPS 3680 Final Project

Spring 2026

Part 1 - Prerequisites

- For the Final Project I highly recommend working in a group to create a WEB APP
- You will present your project to the class during the final week and final day of class
- The idea and theme of your APP will be entirely up to you, however there will be some requirements:
    - At least 3-5 frontend languages/libraries/topics/etc
    - At least 3-5 backend languages/tools/topics/etc
    - At least one form of persistent storage
    - A uniformed theme/style across all of your pages
    - User interactivity with your APP such as Javascript event handling or form submission

Part 2 - Pick An Idea

1. Blog - A website to display information about you or a story, intended for an online community to read and/or review a posted blog or story.
2. Quiz + Grade Report WebApp - A website that contains a collection of quizzes and grade reports for each user's completed quiz.
3. eCommerce / Online Shop - a website to give users an online shopping experience, pricing, item details, shopping cart, checkout, etc.
4. Chatroom WebApp or Chatbot - A website that allows you to chat with other clients or bots
5. Forum / Message Board - A website that allows users to post messages and or reply to posted comments within a page.
6. Social Media Website - A website that allows users to share information via virtual communities.
7. A game that keeps track of player scores, and stores the high scores in a score board
8. Any other ideas of your own approved by the instructor.

Part 3 - Answer The Following Questions

1. What is the name of your web app?
2. What is the purpose of the web app?
3. What information will you have on your main page?
4. What front end features will you have within your web app?
5. What back end features will you have within your web app?
6. What do you want visitors/users to do once they're at your site?
7. What types of actions do you want your visitors/users to take within your web app?
8. How many pages of content will need to be developed and what is the purpose for those pages?
9. What type of persistent data storage will you use, and how will it be implemented/designed?
10. What is the layout / theme of your web app?
11. What style of page navigation will your web app have?
12. Are there web apps that already exist which are closely related to yours? What are they?
13. What types of things do you see on other web apps that you would like to incorporate within your web app? Will you?
14. What makes your web app similar to others?
15. What makes your web app different from others?
16. What more can you state about your web app?

Part 4 - Proposal Submission

- Include the names of everyone in your group at the top of your proposal document.
- Once you are done with your writeup, save/export the document as a PDF.
- Email your submission to wroyer@csub.edu
- In the subject line:
    - **THE NAMES OF EVERYONE IN YOUR GROUP**
    - The exact text: **3680 FINAL-PROJECT**

Part 5 - Project Presentation

- MORE TO COME