Small Project
Presentation & more…

COP4331

McAlpin

Getting ready[1]

- You will demo on the lectern computer and not your laptop.
- This is your team's small project. The due date in Webcourses for the assignment is 10-08-2023
- You have 12 minutes. *Make sure your team practices the presentation.*
- Your team's list and presentation time can be found at the google sheet here:
    - https://docs.google.com/spreadsheets/d/1THq7POn1zabrOWD1CbxvrETYwDzENIvYsfyI_MSH2AQ/edit#gid=0
- You will need
    - project title
    - your GitHub link
    - an application link (think URL)

Getting ready[2]

- The small project presentations will be **12** minutes. Attendance for all presentations is mandatory. Immediately in advance of your presentation you **DO NOT** have time to go get the google drive, drop box, or the like and retrieve your material.
  - slides and support material on a USB stick or already on the lectern computer
  - All members must participate in the presentation and be present
    - not just a hello
    - take an aspect of the project to explain.
- You may not show the web app from a local instance--it must be on a remote server.
- You are also required to use a remote hosting service such as Heroku, Digital Ocean, GoDaddy, AWS, or Azure. I will be demonstrating the LAMP stack using Digital Ocean
  - access your app with a domain name rather than an IP address

Getting ready[3]

- The slides must be professional
  - start with a title page
  - members page
  - explain what the project is
  - how it was developed
  - anything that you feel is important
  - Required:
    - Gantt chart
    - UML and/or ER diagrams
  - what went well
  - what did not go well
- Give a demo of the application
- Leave time for questions and have a questions page.

Project Requirements

- *Remote database*
    - Use a LAMP stack. (Please do not use any Python-based framework)
    - Use JSON to communicate between client and server.
    - During the presentation,
        - you must show access to at least one API endpoint using your selected API tool.
        - You will use a web page as the client.
            - (A web page must be AJAX enabled that accesses the API.)
- The program is a personal contact manager.
    - Each user needs a login.
        - If user does not have an account, you need to offer a registration/signup mechanism.
    - For each user, they can add their own contacts (not shared contacts).
    - They can search for, edit, and delete contacts.
    - When the initial page appears, users can either log in or sign up (register).
- Please note: you _must have a search API_ and not cache all contacts client side.
- The user interface should be clean and professional. The project should be as professional as possible. The source and support files must be in github

Suggested presentation outline

- Suggested presentation elements:
- Title page -- what is the project about?
- Team members and what part they played
- Technology used (database, frameworks, github, discord, etc)
- Things that went well
- Things that did not go well
- Essentials:
  - Gantt chart
  - ERD
  - API demonstration
  - App demonstration
  - Time for Questions

Rubric

- You will get a zero if you miss your team's presentation without prior approval of the instructor.
    1. Submission of PowerPoint slides to the Webcourses before the presentation - 10 pts
    2. Professional PowerPoint slides - 5 pts
    3. All members participate in the presentation - 5 pts
    4. Use case diagram - 5 pts
    5. Gantt chart - 5 pts
    6. Demonstration of at least one API endpoint with Postman or SwaggerHub - 5 points
    7. Effective search with partial match - 5 points
    8. Thorough demonstration of working project - 30 pts
    9. Project adheres to current standards - 10 pts
    10. ERD - 5 pts
    11. Explanation of technology used for project - 5 pts
    12. There are discretionary points for the instructor to award for project excellence - 10 pts