

Small Project Presentation & more...

COP4331

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Getting ready¹

- You will demo on the lectern computer and not your laptop.
- This is your team's small project, Please note that all members must submit the PowerPoint presentation **BEFORE** their presentation. The due date in Webcourses for the assignment is 03-06-2023, *but your due date is based on your presentation date*. You must submit your PowerPoint slides before your presentation.
- 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/19Z-HzhQpxvzyXLWh0poG6wlwmZJkIS4DQjA66v26xgs/edit#gid=0>
- You will need
 - project title
 - your GitHub link
 - an application link (think URL)

Getting ready²

- 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 ready³

- 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 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