Term Project Presentation Guidelines
ACS 575-01 Database Systems, Spring 2024

Presentation Dates: May 1

Presentation Time: <u>15 Minutes</u> Including Q&A
Please adhere strictly to the allocated 15-minute timeframe for each presentation, including the question and answer segment.

Presentation Order: The order of presentations has been posted on the course website. .

Presentation Slide Structure:
The structure of your presentation may vary based on your project, but it is advisable to include the following elements:

- **Title Slide**: Project title and team members' name
- **Project Description**:
    - Introduce the project, its motivation, and specific problems it addresses.
    - Outline the objectives and the scope
- **Database Schemas**:
    - Present the conceptual, logical and physical schemas, explaining how data is structured and interrelated
- **System Architecture** :
    - Describe the overall system architecture including both back-end and front-end components, and how data flows through these components.
- **DBMS Technology and Development Methods**:
    - Discuss the selection of DBMS technologies (like SQL databases, NoSQL solutions, etc.) and the development methodologies (like JDBC, Agile, DevOps, etc.) used.
- **System/Application Functionalities and CRUD Operations**:
    - Highlight the key functionalities (and innovative features) of your system or application.
    - Explain how CRUD (Create, Read, Update, Delete) operations are implemented and function within your system, possibly linking them to the prototype demo or results
- **Prototype System Description and Demo/Result**:
    - Describe your prototype system's functionalities.
    - Showcase a live demonstration or video clips (or results using visuals) to illustrate how the system operates in real scenarios.
- **Conclusion and Future Work:**
    - Summarize major accomplishments and the practical application of your project.
    - Highlight potential enhancements or future directions for extending the project.
- **Q&A Session**:

Evaluation Criteria:
- **Content Accuracy**: How accurate and thorough was the information presented? Asses the depth and precision of the content related to the database concepts and methodologies.
- **Organization**: Was the presentation logically organized and easy to follow?

- **Delivery**: How effectively did the team communicate their ideas? Was the presentation engaging, well-paced and confidently delivered?
- **Technical Competence**: Was there a clear demonstration of technical skills and a deep understanding of the project's technological aspects?
- **Q&A Handling**: How effectively did the team address questions and provide clarifications?

Presentation Slide Submission: After your presentation, please submit your presentation slides with the filename 'ACS575-*team number*.pptx' by **May 1.**

  * For your specific team number, please refer to the /Content/Term Project/page of the course website.