

## Database System (CSC3170)

### Continuous Assessment – Group Project

**Out:** Monday, 12 September, 2023 (Week #2)

**Due:** Friday, 15 December, 2023 (Week #14)

**Weight:** 20% of the overall assessment

This assignment is designed as a group project for the second part of the continuous assessment. Please read the following guideline carefully and act accordingly.

**Team formation and management:** You are encouraged to work in a group. In general, the number of group members is 4, which should be reasonable for you to share the workload and coordinate among the group members. If you would like to work in a big group of more than 4 members for a project at large scale, please discuss with the lecturer about your work plan before you start the project. If you prefer to work by yourself due to some special reasons, it is also okay. Please inform the lecturer in advance for the adjustment of your workload.

**Assessment scheme:** The assessment for every classmate will be fair and consistent based on the effort and quality, which can be evidenced and judged by the quality of your documentation, design, implementation strategy, testing plan, and presentation. More specifically, the assessment of this assignment will include the following issues:

- Literature survey (*background information about the proposed project*) (3%)
- Description of the proposed project (*objectives, significance, relevant technologies*) (4%)
- Development of the project (*design issues, implementation strategies, testing plan*) (6%)
- Quality of written report (*structure, content, conclusions, written statements*) (4%)
- Quality of oral presentation (*ppt slides, content and style of presentation*) (3%)

**Project topic:** The topic of your project should be relevant to the subject issues of database systems. You are encouraged to propose a topic of your own. The following is a list of the suggested project topics. You may choose one of them for your project. You are strongly encouraged to propose your own topic based on your interest and strength.

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**Topic 1:** Online ordering system

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**Topic 2:** Smart Chatbot

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**Topic 3:** Inventory control management

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**Topic 4:** Content-based image retrieval

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**Topic 5:** Library management system

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**Topic 6:** Student Database Management

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**Topic 7:** Voice-based tourist guide

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**Topic 8:** Smart real estate management

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**Topic 9:** Smart job search system

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**Topic 10:** Smart healthcare system