香港中文大學（深圳）
The Chinese University of Hong Kong, Shenzhen

Database System (CSC3170)

Continuous Assessment – Group Project Marking Scheme
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Out: Monday, 11 September, 2023(Week #2)

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

Weight: 20% of the overall assessment

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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.

The additional information about the group project

- **weight of the group project in the overall assessment (20%)**
  The weight remains unchanged – the same as the information presented in the online group project description of BB (content\continuous assessment\group project)

  Please note that the total weight of the continuous assessment is 50% of the overall grading, which consists of:
  -- Assignment #1 5%
  -- Assignment #2 5%
  -- Group project 20%
  -- Midterm quiz   20%
  The weight of the final exam is 50% of the overall grading. Therefore, the weight 20% for the group project is appropriate to balance the individual academic performance and team work effort in the final grading. .

- **group project report (structure of content and specific requirement of marking)**
  Although no specific requirement for the style of the written report, it would be better to organize the content in the context of technical report. The following is the suggested structure of how to organize the content of the report with the specific components:
  - -- Cover page
    - * Project Title
    - * List of group members (Name, Student ID)
  - -- Table of content (optional for a brief report, but required for a detailed report/thesis)
    Page index of different sections of the content
  - -- Project Abstract (around 200 – 300 words)
    A brief summary of the project objectives, proposed method, significance such as impact and benefits, etc.

  - -- The background (around 2 A-4 pages, single-line space)
    A brief description of the background of your project which addresses the following questions:
    - *What are you going to do for the proposed project? – objectives and deliverables (the problems to be solved)
    - *Why do you propose this project? – significance, benefits, impacts
    - *What have been done by others? – review of the state of art technologies

  - -- The description of your system (around 2-3 A-4 pages, single-line space)
    The details of your system design with appropriate diagrams and figures which consist of the following information:
    - * your method
    - * the structure of the proposed system – design issues with appropriate diagrams

  - -- The implementation of your system (around 2-3A4 pages, size 12, single-line space)
    The major steps of your system implementation plan which consists of
    - * the implementation of system components
    - * the integration of the system

  - -- The testing of the system (around 2-3A4 pages, size 12, single-line space)
    A general description of system testing and performance evaluation
    (If you do not have time to implement and test your system, please present your work plan for system implementation and testing)

  - -- Conclusion and future work (around 1 A4 page)
    A brief statement of your concluding remarks which highlight the major features of your system, its advantages and limitations. You may also include a brief statement of your future work for further improvement.

  - -- References
    A list of the references which were relevant to your system such as books, websites and papers which you have used during the system development.

- **project presentation (style and quality of ppt slides for presentation, around 8 slides)**
  Assume you are given an opportunity to present your work in 10 minutes and the maximum number of ppt slides is 8. The following is an example of the presentation slides which covers the following issues:

  -- Background – objectives, deliverables and relevant work
  -- Methodology
  -- System design
  -- System development
  -- System testing
  -- Concluding remarks and future work