

# COMP2411 Database System Project Schedule

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## **1 First-stage Project**

1. Duration: Oct 30 to Nov 8.
2. Complete the first-stage project and the project schedule.
3. Confirm the first-stage work distribution.

## **2 Preparation for the Second-stage Project**

1. Scheduled Duration: Nov 9 to Nov 20
2. Members individually learns the requisite programming skills and techniques introduced in tutorials and lectures.

## **3 Conceptualization and Design**

1. Scheduled duration: Nov 11 to Nov 13.
2. Modify the ER-diagram and relationship schema to meet realistic programming requirements.
3. Discuss the programming implementation of the system functions given in the project description with a reliable design.
4. Determine programming and documenting standards.
5. Put forward a work distribution list for the second stage.

## **4 Preliminary Implementation**

1. Scheduled duration: Nov 11 to Nov 20
2. Members individually implement the system functions given in the project description.
3. Members individually document the implementation and functionality of the functions within their responsibility.
4. Members individually test their program.

## **5 Collaborative Development and Refinement**

1. Scheduled duration: Nov 21 to Nov 28.
2. Members collaboratively implement advanced features based on the basic functions to improve usability.
3. Ensure connectivity of the interfaces and the stability of the system.
4. Prepare convincing testing program or example program.
5. Merge the previous technical documentation and finish the user guide.

## **6 Result Report, Demonstration and Finalization**

1. Scheduled duration: Nov 29 to Dec 2.
2. Prepare detailed presentation and report materials.
3. Record the demonstration video.
4. Members individually complete the peer evaluation form.
5. Modify and confirm the indication list of the final work distribution of two stages.
6. Submit all required files.

## **A First-stage Work Distribution**

### **A.1 Wang Ruijie**

1. Initialized, completed the most of, and finalized the project schedule.
2. Initialized, completed the most of, and finalized the assumptions, the ER diagram and the relational schema.
3. Integrated contents and suggestions given by each member.
4. Formatted the project schedule and the first-stage project report with L<sup>A</sup>T<sub>E</sub>X.
5. Took the role of the main contact.

### **A.2 Zhu Jin Shun**

1. Conceived and constructed an individually completed ER diagram and relational schema for comparison and offering a different perspective.
2. Examined the working sheet and updated several misspelled words and typographical errors.

### **A.3 Zeng Tianyi**

1. Proposed several constructive suggestions on building the ER diagram (e.g., which entities should be weak, what the cardinalities should be).
2. Examined the draft ER diagram and made corresponding refinements on relationships, attributes, foreign keys and cardinalities.

### **A.4 Liu Yuyang**

1. Participated in discussion about the assumptions, cardinalities and foreign keys.
2. Examined the draft project schedule and put forward relevant suggestions.