

## **Project Overview**

### Milestone 0 – Form a Group

- September 28: Done

### Milestone 1 – Project Proposal and ER Diagram

- October 8: Done

### Milestone 2 – Relational Schema, Normalization, SQL DDL, Tentative Queries in English

- October 25: Done

### Milestone 3 – Project Check In

- November 5
  - Commits README File, DDL file (tables creation), Example tuples
  - Submits Project Timeline and Work Distribution

### Milestone 4 – Code Implementation

- November 25
  1. Cover Page
  2. A single SQL script that can be used to create all the tables and data in the database
    - 2.1. Include all required queries and make sure all the queries will have some non-trivial answers with some groups that have more than one row
    - 2.2. The script should be runnable (can be transferred to the undergrad servers and run without further tweaking)
  3. A PDF file containing:
    - 3.1. A short description of the final project, and what it accomplished.
    - 3.2. A description of how the final schema differed from the schema that was turned in.
      - If the final schema differed, explain why.
    - 3.3. A list of all SQL queries used.
    - 3.4. Screenshots of the sample output of the required queries using the GUI
  4. README.txt file

### Milestone 5: Project Demo (Things Left to Do)

- December 3

### Milestone 6: Individual & Peer Assessment (Things Left to Do)

- December 7

## **Timeline for Milestone 4:**

- Group meeting on November 8th:

- Discuss how to start the implementation, the overall architecture and functionality of the project.
- Have finished tutorials 5,6,7 by then
- Group meeting on November 15th:
  - Discuss implementation thus far, and any problems that need immediate help
  - Discuss how the GUI should look before each member completes the tasks they have been assigned
  - Work on Insertion, Update, Deletion, and Selection together → possibly carry over to another meeting on the 17th
- Group meeting on November 22nd:
  - Check-in for the progress and see if there are any issues that we need help with
    - By this meeting, each member should almost finish their assigned tasks
  - Begin GUI together
    - Each person will complete the GUI for assigned tasks below
    - Insertion, Deletion, Update, and Selection will be done together
- Group meeting November 24th – Final group check in

### **Work Distribution**

<b>Name</b>	<b>Tasks</b>	<b>Proposed Timeline</b>
Krystal Wong	1. Aggregation with Group By 2. Join	Internal SQL implementation deadline: NOV 19th
Mea Srisan	1. Aggregation with Having 2. Division	Internal SQL implementation deadline: NOV 19th
Jacob Lacsamana	1. Nested Aggregation with Group By 2. Projection	Internal SQL implementation deadline: NOV 19th

### **Notes**

- Members will work on Insertion, Update, Deletion, Selection together
- Members will work on GUI design together on the Nov.15 meeting
- Members will partially work together on GUI Implementation, and further customize it for the queries assigned to them

### **Possible challenges**

- Sorting out logistics (install and setup of all things needed for the tech stack)
- Connecting PHP to oracle database
- Implementing/designing the GUI