CPSC 304 W2023/24
Group 54
Milestone 3

Task Breakdown

Tasks for Milestone 4: due April 5th	**Projected Finish Date**	**People**
Your completed cover page, as usual.	March 23rd	Dennis
A single SQL script that can be used to create all the tables and data in the database. If you are using multiple scripts while developing, ensure you concatenate them and hand in only a SINGLE SQL script.	March 16th	Eric and Matthew
GUI low fidelity prototype	March 15	Dennis
GUI Full Implementation	March 22nd	Dennis
Oracle Database setup	March 20th	Matthew
Java Backend setup	March 23rd	Matthew
Writing Query Statements	March 23rd	Eric
A PDF file containing: a. A short description of the final project, and what it accomplished.	March 30th	Matthew
b. A description of how your final schema differed from the schema you turned in.	March 30th	Matthew
A copy of the schema and screenshots that show what data is present in each relation after the SQL script from item #2 is run.	March 30th	Matthew
A list of all SQL queries used and where it can be found in the code (i.e., file name and line number(s)). For SQL query requirements, check the rubric listed on Canvas for Milestone 4.	March 30th	Eric
Screenshots demonstrating the functionality of each query using the GUI. We want to see a before/during/after progression of events.	March 30th	Dennis
README.txt file if there's anything to add that's not included in the PDF	April 5th	Eric, Dennis, Matthew

Tasks for Milestone 5: Due Apr 5	Projected Finish Date	People
Scripts to recreate and repopulate tables with the .sql files	March 25th	Eric
Presentation slide deck	April 1st	Eric, Dennis, Matthew
Demo Scripts that fulfil query criteria	March 30th	Eric, Dennis, Matthew

Description of challenges/things left to do:

- We never used Oracle before, so it might be a challenge to set it up
- We don't have much experience connecting the backend to an Oracle database
- Designing the GUI intuitive to accommodate non-technical users will be challenging since the queries can get complex and we don’t want the GUI to be complex
- There is a lot of frontloaded work to figure out what queries we want the GUI to use before the GUI can be implemented, so that may delay the GUI’s completion time
- If React/Javascript is used for the GUI, REST api calls may have to be designed to connect to the backend