

## **CSCI 362 DBMS Group Project**

Final Due date: TBD, 2020

Your team was assigned one of the mini worlds from below:

1. e-Commerce website
2. Social network that makes money using user data (aka Facebook)
3. Hotel reservation and booking (customer focus)

Below are the project steps you need to complete and submit

1. Conceptual schema. You can use Erwin/Rational Rose. You can also use any other tool or hand drawn schema. Erwin is free for students (15 points)
2. Rational Model: Implementational Schema (15 points)
3. SQL Code to create the mini world, entity (tables) with all the constraints (25 points)
4. SQL Code to insert, delete and modify the tables: One insert/delete and modify for each table is required. Take into account the constraints (15 points).
5. Sample SQL code to retrieve data from tables (10 points)
6. In class demonstration and presentation of your implementation (10 points)
7. Write-up on the project (10 points). Include everything from 1-5.

Bonus (10 points)

- Implement a web-interface (using PHP) to retrieve and present the content of the tables in demand