

## **Project 1 Report**

- Cover page: Project Name, Student Name, Student ID, Due Date
- Introduction
  - Project Overview: Describe the background, scope, and motivation of the project
  - Database Design: Describe the design of the database
- Functional Requirements
  - List and describe the entities in the database system, i.e., tables and their content (not columns) --what information does this entity show?
- Entity Relationship
  - ER Diagram: Present and briefly describe your ER diagram
  - UML Diagram (no hand-drawn): Present and explain relationships among tables within your database using UML diagram
- Proof of BCNF: Prove that all tables in your database are in BCNF. You do not need to demonstrate it on every table, but do justify and summarize.
- Table Information: Present each table and its columns/attributes (no need to show the data)
- Tools Used
- References if any