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CS3431: Database Systems I

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# Project Phase 2 Report

## Instructions

To run our project, in the SQL interpreter type: @filename. Which will build the database, populate it and run the assigned queries.

## Assumptions

1. All phone numbers in the database are from the U.S. only, meaning they can not be longer than 10 characters.
2. SSN hyphens are not stored
3. There are only three ranks denoted by '0', '1' and '2' for Employee
4. The office number for employee cannot be negative
5. The room number for Room, cannot be negative
6. Admission leave date is greater than or equal to admit date
7. Future appointment date is greater than or equal to leave date

## Comments

The main challenge from this project arose when determining the proper SQL constraints for the Database creation and the SQL Queries. There were a lot of edge cases that we were trying to cover, which were not specified in the project Phase 2 assignment document. Therefore, we made certain assumptions on what format data should be in, but also what data should be returned from the queries.

There were little other major problems encountered other than the issue above.