CMSC 508 Semester Project Rubric **Name: Sanidhya Desai**

Phase 2 - 200 points possible **Name: Nathaniel Payne**

Total: 200 **Team # 4**

Final documentation:

Criteria	Points Possible	Points Earned
Updated problem statement.	30	30
Updated Entity-Relationship diagram.	10	10
Updated relational design.	10	5
Database: SQL scripts for creating the database tables, views, triggers, and procedures.	100	105
Demonstration of a running database and how it successfully solves .	50	50

Implementation and Demonstration of a Running Database and Interface.

1. Design and implementation of a database in MySQL in Google Cloud Platform (GCP) to model a real-world problem. All source code and documentation is in the team's private GitHub repository.

Criteria	Points Possible	Points Earned
Use of Cloud SQL using MySQL	15	15
SQL to Create tables for the database	5	5
Primary keys and foreign keys are defined correctly	5	5
Appropriate constraints on the domain of attributes is implemented based on the functional requirements in the problem domain	10	10
Sufficient sample data is inserted in order to demonstrate database functionality for the problem solution	5	5
All SQL queries to retrieve required information from the database are included.	20	20
Views Implemented	10	10
Triggers Implemented	5	10
Functions and/or Stored Procedures Implemented	5	10
Roles and/or User Privileges defined	10	10

Github repository Criteria	Points Possible	Points Earned
Well organized and shows evidence of consistent and correct usage for version control of the project.	5	5
Includes documentation on the expected results of queries on the sample data to show correctness.	5	0

Comments:

Used GCP with Cloud Shell; demonstrated teamwork during demo to debug typos.

Age should be a derived attribute.