**Database System Concepts Final Project**

**PART A**

A formal business **report** with everything compiled into a single document (Word or PDF), which includes the following sections in order (the report should be properly paged, paragraphed, and sectioned):

**Report Index**

1. Cover page
2. Table of contents
3. Business and system summary
4. Give an overview of the business environment and project objectives
5. Justify how your developed database meets the project objectives, and how it will support the business.
6. An ERD diagram in the original
7. Normalize the database upto 3rd normal form.
8. A database relationship diagram, clearly showing every table, attributes, and date type.
9. Screenshots of sample data: one screenshot for each table. You should enter enough data to demonstrate the use of the database (at least 5 records for each table)
10. Create 3 simple and 2 complex view.
11. To demonstrate some database use scenarios, design at least 10 questions/tasks (as complete as possible) in your application domain that need to query the database. Write SQL Select statements for all queries. At least 5 of these queries must involve multiple tables and subqueries.

**PART B**

Summarize learning experience from this database project, detailing some of your problems, lessons learned, achievements, outcomes, future plans, and/or any other thoughts and comments.

**Mark Evaluation**

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| --- | --- |
| Requirements Analysis | 1 |
| ERD diagram | 2 |
| Normalize the database upto 3rd normal form | 2 |
| A database relationship diagram | 1 |
| Project Implementation(Coding) | 2 |
| Report | 2 |
| **Total** | **10** |

**Bonus**

Project overall implementation will carry 5 marks bonus