

Term Project

[Total Marks: 100]

INSTRUCTOR: Pritesh Patel

CLASS: CBD 2303_4
Database Design

Evaluation: 40%

Evaluation Criteria

Component	Weightage
Research	10%
Formatting	10%
ER Diagram	10%
References	10%
Knowledge	10%
Relevance	10%
Innovation	10%
Group Coordination	10%
Implementation	10%
Q & A	10%
Overall	100%

- The term project can be completed in a team of two or three members.
- You need to design database for any software application of your choice. Refer to the following list for the software application ideas.
 - Hotel Management system
 - Netflix
 - Uber Eats/Rider
 - Blood donation
 - Twitter/Facebook Database
 - Meetup
 - Lambton College
 - Find Space (Parking Service)
 - Walmart

- Project Management (e.g. Jira, Scrum Board)
 - Air BnB, etc.
- The database design should incorporate applicable constraints, relationships and normalization.
- You also need to prepare documentation/presentation for the project and present it in the class as per the schedule.
- The documentation should contain the following:
 - The overview of the software application for which the database is designed
 - Tools used
 - What you learn and what difficulties faced during development
 - ER diagram of the database
 - List of tables and its structure
 - List of records inserted.
 - List of queries (5 queries in each categories)
 1. Insert/Update/Delete/Alter Table/Drop Table
 2. Simple SELECT statements (Projections and Selection)
 3. SELECT statement with WHERE clause, regular expression search, order by and logical operators
 4. SELECT statement with Aggregate functions, Group by and having clause
 5. Complex Join Queries for all the types
 6. Views or Store Procedures or Functions or Blocks

Note:

1. Read given sample for reference
2. Confirm your team and selected topic latest by **Wednesday, 8th Jan 2020 08:30 PM.**
3. Create a zip file named as **Group#_CBD2303_TopicName.zip/docx** that contains the document or presentation for your term project and upload to Moodle. **Friday, 17th Jan 2020 05:30 PM.**
4. Presentation will be done on **17th and 20th January 2020**