

Project Guidelines Final Term(Updated):

PROJECT REPORT (ONE SOFT COPY PER GROUP, USE **PDF FORMAT**)

Cover Page

- AIUB logo
- Project Name
- Group Members NAME & ID
- Course Name and Section

Contents

- Make sure your report has a contents page
- Make sure all the pages of your report are numbered in accordance with the contents page

Introduction

- Shortly describe your project

Scenario Description

- Shortly describe your database (see Lecture05_ERModel_part1 slide 18 for reference)

ER Diagram

- Draw with proper annotations (use DIA, VISIO, MS WORD etc.)
- For reference see Example_ERD.pdf

Normalization

- Normalize upto 3rd Normal Form(see Lecture13_Normalization slide 13-18 for reference)
- Include all detailed steps as discussed during class lecture

Schema Diagram

- After Normalization draw schema diagram with proper annotations
- For reference see LP8

Table Creation

- After Normalization create tables
- Include constraints when creating Tables (primary key, foreign key etc.)
- Include screenshots of the created table using describe command
- Include the queries required to create or alter the tables
- Include the queries required to create sequence
- Create users, assign roles and grant privileges as deemed necessary and include screenshots of the queries

Data Insertion

- For each created table insert at least 5 rows of data
- Include screenshots of the tables after inserting data
- Include the queries required to insert the data

Query Writing (Write down the question and also the answer. Give screenshot of the result of the query)

~~-2 single row function~~

~~-2 group function~~

-2 subquery

-2 joining

-2 view

Relational Algebra (Write down the question and also the answer)

-5 relational algebra

Conclusion-Summarize your project findings and propose future work i.e. How do you plan to improve your existing project in future?