

Department of Computer Science and Engineering  
University of Dhaka  
Project Report Guideline

Course- Database Management - I Lab

The project report MUST contain the following sections:

- A. Project Title
- B. Project Area Major (eg. Education, Aviation, Health etc.)
- C. Project Area Minor (eg. Examination Management, Airline Ticketing, Medicine Store etc.)
- D. Brief Description of the Database (max 1/3 of a page)
- E. Detailed Description of the Database (Scopes as much as possible)
- F. Expected query outputs from the project
  - At least two with aggregate functions
  - At least two with outer joins
- G. List of Tables with schema (example, Dept = (dept\_id, dept\_name, dept\_budget))
- H. E-R Diagram
- I. List of Functional Dependencies to be maintained in the project ✗
- J. For each table, the table schema in the following format

Table Name

S/N	Attribute	Data Type	Constraint (if any)	Comments
1	Column 1	Data Type 1	PK/FK/Check etc.	
2	Column 2	Data Type 2	PK/FK/Check etc.	
3				
Purpose of the Table Describe what type of information it will store and how/when it will be used [Example Data should be placed at the appendix, using query outputs]				

- K. Table-level and project level expected constraints (if any)
- L. SQLs to implement the project with example outputs
- M. Finding the Normal Form (1st/2nd/3rd/3+ or BC-NF)
- N. Future Works and Conclusions