



Group project

Instruction:

Students need to find the case study/manual system in physical company/organization/shop etc. Then, student need to analyze Case study and prepare the proposal in the format below. This project can be implemented by group not more than 5 people.

PROPOSAL DUE ON WEEK 6, FOLLOW THE FOLLOWING FORMAT

PROPOSAL FORMAT

1. Front Page Cover (download from UFuture)

2. Table of Contents

The list of all topics is listed in this part with the respective page numbers.

3. Member's Profile

The descriptions of each member in the group are placed in this section. The marks will be given according to the description of the **personal** and **academic details** as well as the creativity of the profiles. The prescribed formatting style is not applicable in this section.

4. Company background

The overview of the project undertaken, with respect to the title chosen, should be in this part. A company's **background, vision, mission** and **objectives** should also be included as to provide enough information in understanding what is to be expected of the database project. The **organizational chart** of a company must also be included here.

5. Current system description

This section explains **detail descriptions on the daily business activities or business operations** that run in the company which implementing file system approach. The students are required to **discover the company's operational components are (the entities), and how they interact with one another (the relationship between entities)**. The students need to provide the system's **processes flow chart** to gain the full mark for this section.

6. Problem Statement

This part describes and highlights the problems that are experienced in the organization that currently implementing the file system. The students also can highlight the problems of file system data processing as discussed in the class.

7. Objective of proposed system

A proposed database project must be determined to help in solving the problems identified during the problem discovery process. Once the clarification has been made on the problem of the database project, the objectives as to what are the solutions that could be gained from the project or the advantages of it should be discussed in this part.

Example:

- i. To identify requirements to store college complaints
- ii. To design a database to store college complaints
- iii. To develop a database to store college complaints

8. Initial Proposed System Business Rules

The ER Modeling must include all entities which have been described in the Current System Description.

9. Initial Entity Relationship Diagram

This section illustrates the **ERD using Crow's Foot notation** of the database project as the previous section has gathered all the necessary information regarding the business rules in the company. Therefore, the proposed ERD which shown all entities and the relationship between entities is drawn in one page. Please refer ERD in the Textbook as example of Tiny College ERD. The students are advised to use tool (ex; diagrams.net) to draw the ERD.

10. References

*Lists of references that have being involved while completing the proposal report are listed here. Please use the APA reference writing style format. **Example:***

For Book:

Coronel C., Morris S. & Rob B. (2011). *Database Principles: Fundamentals of Design, Implementation, and Management*. 9th. ed. Course Technology, CENGAGE Learning.

For Website:

Landsberger, J. (n.d.). Citing Websites. In *Study Guides and Strategies*. Retrieved Jul. 13, 2016, from <http://www.studygs.net/citation.htm>.

For Interview:

Miss Azura binti Ishak, personal communication, July 15, 2016.