

DATABASE SYSTEMS PROJECT

TASK:

Think of and select a service setting of your choice. Develop an automated database management system for this set up. Your system must automate as many processes as possible within this establishment. Deliverables for this project are a project report and a prototype system.

A prototype systems must have an easy to use interface. Among other things, the user must be able to:

1. Create/add a new table to the system
2. Add/update data within a system
3. Remove/delete data from the system
4. Add a table to the system
5. Remove a table from the system

Project report must include:

1. An overview of the system – describing the system that is being modelled. It must describe the setting sufficiently and succinctly.
2. Set of tables used in the system. The tables must show process of normalization, from unnormalized forms to 3rd normal forms, that have been implemented in the system.

TOOLS:

You must use tools of your choice to implement the system. You are encouraged to learn new programming languages to use to implement the system.

GRADING:

The project will be graded as follows:

Milestone	Mark
1. Project report	45
2. System implementation/prototype	45
3. Extra mile effort	10
Total	100

TIMELINES:

1. SUBMISSION – 10th October 2024.
2. PRESENTATIONS – 10 to 11th October 2024.

NB:

Please note that you have to work in groups of 3's or 4's. Each of you will receive a blank of paper where you will anonymously assess performance/contribution of each member of your group. This input will be considered when determining your final mark for the project.