Project Proposal Requirements

This document contains the details regarding the formation of Database Project groups as well as the submission of the project proposal. Students are required to read the document thoroughly and follow the guidelines strictly.

Group Formation

As mentioned in the DB Lab Outline, you are required to make a group of **3(min)** or **4(max)** members for working on Database project in this semester. Add the names of your group members in the comments section of the post under which this document is uploaded on Google Classroom, in the following format by **20 Feburary, 2025**:

Member 1 Name Member 1 Roll# Member 1 Sub-section

Member 2 Name Member 2 Roll# Member 2 Sub-section

Member 3 Name Member 3 Roll# Member 3 Sub-section

Member 4 Name Member 4 Roll# Member 4 Sub-section

Following instructions should be strictly followed for making groups:

- Only 1 member from a group should comment under the Google Classroom post. No duplicate entries.

Project Proposal

A sample project proposal has been uploaded on Google Classroom along with this document which also works as a template for submitting your proposal. You must include CRUD and Search/Filtering functionalities. For example, searching for an item based on price, search by name, search by size, add new item, update an item, and delete an item etc.

Try to think about your functionalities from SQL perspective. Which queries are going to be executed behind your functionalities? Try to add the most important features of your project in the proposal first.

Read about the concept of **MVP (Minimum Viable Product)** on Google. An **MVP** includes your most important features which are enough to run your project.

You project can belong to any domain. A few examples include:

- e-commerce website
- online retailing
- payment/financial solution
- ride hailing systems
- social media websites
- real estate websites
- streaming services

- educational websites
- service providers

You are not expected to deliver an extraordinary product since this might be your first full scale web project. But you are expected to deliver a finished product. Only add functionalities which can be completed within this semesters.

Following instructions should be strictly followed for submitting project proposals:

- For a **3** member group, **minimum 10** functionalities are required.
- For a **4** member group, **minimum 12** functionalities are required.
- Only add functionalities which are extremely important to run your project. • Do not add functionalities which act as add-ons like Captcha integration, Google account authentication, account verification system like 2-factor authentication etc.

Proposal Submission Instructions

- Use the provided template to write your proposal.
- Rename the template to the name of your project.
- Try to think of a unique name.
- File name format should be as such: **project name_proposal.docx** e.g. uber_proposal.docx • Submit this file under the assignment **Deliverable 0 - Project Proposal Submission** on Google Classroom by **20 Feburary, 2025.**
- Only one group member should submit the proposal. No duplicate submissions.