

Subject: Project Proposal Document Preparation and Final Assessment Instruction

Dear Students,

As we approach the upcoming project phase, we would like to announce an exciting opportunity for you to integrate your learning across two subjects. You will be preparing a project proposal document that will encompass both your Database Management System (DBMS) and Object-Oriented Programming (OOP) courses.

Project Guidelines:

- **Case Study/Scenario:** You will work on a single case study or scenario that will serve as the foundation for both projects. This unified approach will simplify your focus while allowing you to explore two different development methodologies.
- **DBMS Development:** You will design and implement a database to manage data related to the case study. This includes creating schemas, establishing relationships, and populating the database with sample data.
- **OOP Development:** You will build an application that interacts with the database, utilizing object-oriented programming principles. This includes creating classes, methods, and a user interface that allows for data manipulation and reporting.

Key Dates:

- **Proposal Submission Deadline:** 18th November, 2024 (**Soft as well as Hard copy submission**) for both subjects
- **DBMS Project Report and Source Material: Week#15 (Soft as well as Hard copy submission).** Soft for Department record and hard copy for my ease to grade/assess and VIVA.
- For OOP Project development, you shouldn't be worried we will have a separate time for developing projects. After ending regular scheduled classes, **we have to arrange 32 sessions in one week**, you will remain in LAB and you people will develop project as per your approved proposal.
- I am not sure, who will schedule if department will share, we have to follow. Otherwise, my schedule will be like

Starting from 30 th December 2024	Morning	Evening
Monday	8:00 AM to 12:05 (with breaks as usual)	4:00 PM to 08:05 (with regular breaks)
Tuesday	8:00 AM to 12:05 (with breaks as usual)	4:00 PM to 08:05 (with breaks as usual)

Wednesday	BREAK NO SESSION	BREAK NO SESSION
Thursday	8:00 AM to 12:05 (with breaks as usual)	4:00 PM to 08:05 (with breaks as usual)

- **OOP Project Report and Source Material: Week#17 (Soft as well as Hard copy submission).** Soft for Department record and hard copy for my ease to grade/assess and VIVA.

Proposal Document Requirements:

1. **Introduction:** Briefly describe the case study and its relevance.
2. **Objectives:** Outline the goals for both the DBMS and OOP components.
3. **Methodology:** Describe the approach you will take for both projects, including technologies and tools you plan to use.
4. **Timeline:** Provide a timeline for project completion, including milestones for each component.
5. **Team Roles:** Three members group
6. Specify roles and responsibilities for each member. Make your groups, try to add people in group **(one below average, one average and above average)** – Such as (356, 328,326) (146,301) and (333, 306) etc. shouldn't be in one group. This way weak students can have a chance to increase their points. Find out group members otherwise I can prepare groups easily.

This is a great opportunity to deepen your understanding of how DBMS and OOP can work together in real-world applications. I encourage you to start brainstorming ideas and discussing potential scenarios with your peers.

If you have any questions or need further clarification, please do not hesitate to reach out during class.

Best of luck, and I look forward to seeing your innovative proposals!

Dear Students,

Following I am sharing FINAL ASSESSMENT PLANNING after discussion with Prof. Yang Tao.

20% this Project

10% hand written notes (can't use in EXAM) * I have double confirmed so don't think I will allow you.

10% Participation (Students, as you know I pay close attention to each student's performance, and participation points will be awarded accordingly.)

CLOSED INTERNET/CLOSED BOOK 60% FINAL EXAM (I will discuss important points related to EXAM)

- * HAND WRITTEN NOTES SHOULD BE
 - 《= 15 A4 PAGE double side.
 - Should be written in neat and clean writing.
 - Don't just copy paste other written notes, prepare your own, as I can get quickly overview of submitted reports.

The handwritten notes are an effective way for students to prepare for the exam, as I have seen in my teaching experience.

Submission deadline is First day of Week#16, I will return you after checking.