



COURSE OUTLINE

Course Code: CSE 326 Credit: 0.75

Course Title: Information System Design Sessional

Level-Term: 3-2 (July 2022)

Section: All

Course Teacher:

Name:	Office/Room:	E-mail and Telephone:
Dr. Anindya Iqbal		anindya@cse.buet.ac.bd
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Course Outline:

Sessional activities based on CSE 325 (Information system design): Project ideas, Requirement analysis, BPMN diagram, Interaction diagram, Mock UI, State diagram, ER diagram, State diagram, Software input output and flow understanding.

Learning Outcomes/Objectives:

After undergoing this course, students should be able to:

- Be acquainted with actual system development environment
- Implement feasibility and requirement analysis of real-life projects by themselves
- Use different UML diagrams

Assessment:

UML diagrams and presentations:	60%
Partial software demonstration:	20%
Report:	20%



Learning Resources:

- System analysis and design, (by Kendall & Kendall)
- Software Engineering: a practitioner's approach (by Roger S. Pressmana)

Tentative Schedule:

Week	Topics
Week 1	Discussion on subsequent course plan and project idea distribution and Project Assignment
Week 2-3	Scope fixation of the project
Week 4-5	Presentation 1 (requirements analysis using BPMN diagram)
Week 6-7	Presentation 2 (Mock UI)
Week 8-9	Presentation 3 (Class diagram) (+ ER diagram)
Week 10-11	Presentation 4 (Collaboration diagram) (Sequence diagram + State diagram)
Week 12-13	Demo on partial software using proper architecture (at least one feature, project must be deployed in a public cloud.)
End of week 13	Report submission

Note that, the schedule is tentative and can be changed during the course timeline.

Prepared by:	
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Signature:	