



COURSE OUTLINE

1. Course No.: CSE 326
2. Course Title: Information System Design Sessional
3. Level/Term: L-3/T-II
4. Academic Session: January 2024

Course Teacher(s):

Name:	E-mail	Room No.
Dr. Anindya Iqbal (AI)	anindya@cse.buet.ac.bd	411
Junaed Younus Khan (JYK)	junaed@teacher.cse.buet.ac.bd	420
Tanjeem Azwad Zaman (TAZ)	azwadtanjeem@gmail.com	
Abdur Rafi (ADR)	abdurrafi403@gmail.com	

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:

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

Assessment:

UML diagrams and presentations:	60-75%
Partial software demonstration:	15-20%
Report:	10-20%



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 course outline and project assignment
Week 2	Finalization of project scopes
Week 3-4	Requirements analysis using BPMN diagram
Week 5-6	Usecase and test case description + Feature selection for code architecture
Week 7-8	Mock UI
Week 9-10	Class diagram + ER diagram
Week 11-12	Code architecture using different layers (for the predefined features)
Week 13-14	Deployment plan

Prepared by:	
Name:	Dr. Anindya Iqbal Junaed Younus Khan Tanjeem Azwad Zaman Abdur Rafi
Signature:	