



Ahsanullah University of Science & Technology

Department of Computer Science & Engineering

Course Outline

Course Name : Information System Design & Software Engineering Lab

Course Number : CSE 3224

Credit Hour : 0.75 hours per week

Year & Semester : 3rd Year & 2nd Semester

Course Teacher : Emam Hossain

Assistant Professor, Dept. of CSE, AUST

Tanveer Ahmed Belal

Lecturer, Dept. of CSE, AUST

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Course Plan:

Week	Tasks
01	Introduction, Group Formation & Project Selection
02	Primary Proposal Presentation & Feasibility Analysis
03	Data Collection & Requirement Analysis
04	Data Flow & Use Case Diagram
05	Entity Relationship Diagram, Class Diagram Presentation
06	Implementation & Testing
07	Final Presentation

Text Books:

System Analysis & Design by Kenneth E. Kendall & Julie E. Kendall

Software Engineering: A Practitioner's Approach by Roger S. Pressman

Supporting Documents:

All the supporting materials will be provided to Class Representative.



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Assessment Criteria:

Attendance -	20%
Presentation-	
Primary Proposal & Feasibility	10%
Data & Requirement Analysis	10%
DFD & Use Case Diagrams	10%
ERD & Class Diagrams	10%
Implementation & Testing	10%
 Assignment	10%
Final Presentation –	20%
 Total	100%

Instructions:

- ┐ Every Presentation must be presented by only one member from the group.
- ┐ Every group member must present at the time of the presentation.
- ┐ If any member is absent in any presentation, he/she will not get any marks obtained by the group for that day.
- ┐ Final presentation will be a group presentation and all members must be present and participate.
- ┐ Every member must be prepared for an immediate viva from teachers and audience after every presentation.
- ┐ Each of the presentation must be compiled with appropriate presentation format.
- ┐ Each of the group must submit a summary report with every presentation following the standard rules of documentations.
- ┐ For preparing presentation, student may use MS Power Point or Prezi.
- ┐ A Complete Report of the project must be submitted on the day of Final presentation.
- ┐ Full project must be submitted by writing in a CD.
- ┐ All the updates will be provided during the theory class.