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Briefing on
Software Engineering Project

Software Engineering Project (SEP)

Diploma in Full Stack Development

Synopsis

- This module provides students with the opportunity to apply the knowledge and skills gained from the various modules in the course, particularly Front-End Development and Server-Side Development, to culminate in a project.

- The students also will have the chance to explore topics in IT and application domains that they have a personal interest.

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Objectives

- To undertake a real-life IT project or a competition-based project.

- The project should ideally include problem definition, requirements gathering, analysis and design, development and testing and the subsequent deliverable of artefacts that are suitable for their personal portfolios.

- Provide opportunities to work on full stack development

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SEP Assessment Components

- Continuous Assessment (CA): 20% (Individual)
  - Weekly log
- Assignment 1: 40% (31 Jan)
  - Participation (10%)
  - Prototype (30%)
- Assignment 2: 40% (14 Feb)
  - Participation (10%)
  - Presentation and Project Demo (30%)

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Schedule

- **17 Jan 2026 (9am to 12pm)**

  - Module Briefing
  - Sample problem statement
  - Team formation and brainstorming

- **31 Jan 2026 (9am to 12pm)**

  - To work on the project and demonstrate its progress

- **14 Feb 2026 (Presentation and Project Demo)**

  Session 1: 9am to 1pm
  Session 2: 2pm to 6pm

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