

Continuous Assessment Mini Project

**Corporate Information Security Management
IS 4660**

Overview

- This is a Mini Project based on a preferred software project developed by you.
- This is a Group Assignment
- Groups must be between 5-6 members
- The evaluation is viva based
- Completion evidence can be submitted separately

What you need to Deliver

1. Conduct a Security Risk analysis for the existing application and provide a detailed report regarding what controls are going to be implemented.
2. Develop an Information Security Policy governing how the controls are going to be implemented.
3. Each member should have a specific control assigned to them
4. Develop a Threat Model and Security Design Architecture for the application.
5. Do a Demonstration during the viva

What you need to Deliver

| Deliverable | Required | Date |
|---|---|--------------------------------|
| Risk Assessment and Information Security Policy | <ol style="list-style-type: none">1. Risk Assessment2. 5-6 Risks that can be mitigated through security controls via application3. Every risk item should have a unique accountable group member that will implement the control4. Each member should develop a topic specific Security Policy on enforcing that control5. The group must provide one single Information Security Policy by combining above topic specific policies | 30 th January 2026 |
| Mis Use Case Diagrams and Threat Model | <ol style="list-style-type: none">1. Each member should develop a misuse case diagram on the feature they are going to implement2. Then Develop Threat Model for each feature | 06 th February 2026 |
| Secure Coding | <ol style="list-style-type: none">1. Students must integrate Sonarqube to their pipeline and do the code reviews2. After implementing the features conduct a DAST with Zed Attack Proxy3. Not Required to fix the findings, but you need to provide an action plan on how the scan findings will be resolved | Evaluated during Viva |
| Viva Session 01 | (Group 1-11) – 5 Minutes Presentation – 15 Minutes Viva | 13 th February 2026 |
| Viva Session 02 | (Group 12-23) – 5 Minutes Presentation – 15 Minutes Viva | 17 th February 2026 |

You will be assessed for

- Risk Assessment Quality
- Security Policy Development
- Misuse Case Diagram and Threat Modelling
- Secure Coding and Tool Integrations
- DAST and Finding Handling
- Individual Contribution



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