

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 Assessment 2. 5-6 Risks that can be mitigated through security controls via application 3. Every risk item should have a unique accountable group member that will implement the control 4. Each member should develop a topic specific Security Policy on enforcing that control 5. 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 implement 2. 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 reviews 2. After implementing the features conduct a DAST with Zed Attack Proxy 3. 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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Instructor for the Course Module

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