Individual Assignment
Weightage: 70% of the Overall Assessment
(50% Assignment Report & 20% Presentation)

The assignment focuses on the Information Security Design based on the selected organization. The selection of the organization can be any recognized organization in Malaysia or globally in any field of industry either enterprise or public services. This is a research-based Assignment. The report should cover:

1. The identification of the weakness of the information security design of the organization. Appraise issues in information security design and operational security to find the gap based on the case study (CLO2: A5, PLO9).

2. The proposition of the improvements and solutions of information security design for the organization. The improvements and solutions should include recovery strategies and managing compliances (CLO2: A5, PLO9).

3. Presentation of the report (CLO3: A4, PLO5).

Research and Report Guidelines:

1. Select an organization (except Lazada, Shopee, and Amazon) as the subject of your research. The selected organization should be explained in detail on:
   a. Name of the organization.
   b. Organization's nature of business.
   c. Organization structure.
   d. Current Compliance(s) the organization adheres to or has an information security program.

2. Your research proposal on the information security design weakness must include at least the following information:
   a. **Current information security design**, i.e., a design framework and architecture principles deployed, compliance(s) that the organization adheres to, information security program in the organization, etc.
   b. **Information security issues** that the organization has previously and(or) is currently facing, i.e., vulnerabilities, cybersecurity risks faced, design weakness, statistic failures, etc.
   c. Other relevant information to Information Security Design.

3. Your research proposal on the proposition of the ==improvements and solutions== of information security design must include at least the following information:
   - Any ==gap or weakness== in the current information security design is highlighted in no. 2a.
   - This must be based on all the ==organizational information and issues that have been discussed regarding the design's weaknesses==, as in no. 2b.
   - ==Improvement and solution proposal== to address the gap and weakness with the technology proposing and evidence.
   - ==Other relevant information== to the improvements and solutions to strengthen the organization's current information security program.

4. The report should be properly formatted with proper titles and subtitles to address all its contents.

5. The report should include references ==at least 16 references== or more than 16 references.

6. Delivery: Report (between ==3000 – 8000 words)== & Presentation (Week 11).

ASSIGNMENT REQUIREMENTS

1. Your report must be typed using Microsoft Word with Times New Roman font size 12. The expected length is from 3000 to 8000 words. The report should be in 1.5 spacing.

2. The report has to be well presented and should be *typed*. Submission of reports that are *unprofessional* in their outlook will not fare well when marks are allocated.

3. Your report must combine all the deliverables in one coherent document.

4. The report should have a one (1") margin all around the page as illustrated below:
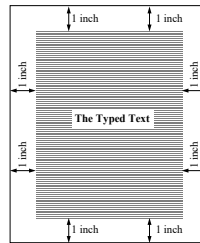
5. The report should be submitted through the Online Submission Platform (Moodle – Turnitin Assignment)

6. Plagiarism is a serious offense and will automatically be awarded a zero (0) mark.

7. All information, figures, and diagrams obtained from external sources must be referenced using the APA referencing system accordingly.

Marking Rubrics

1.	The identification of the weakness of the information security design of the organization. Appraise issues in information security design and operational security to find the gap based on the case study (CLO2: C3A, PLO9). (30%)

Marking Criteria	0-5 (Fail)	6-9 (Marginal Fail)	10-14 (Pass)	15-17 (Credit)	18-20 (Distinction)
Organization Investigation (20%)	Not able to identify the organization and not able to conduct enough research to create a case study to start the project and report. Weak investigation skills. Some of the requirements were incomplete.	Able to identify the organization and not able to conduct enough research to create a case study to start the project and report. Weak investigation skills. Some of the requirements were incomplete.	Able to identify the organization and able to conduct enough research to create a case study to start the project and report. Able to demonstrate good investigation skills. Lack of details on the identification of the weakness of the information security design.	Able to identify the organization and able to conduct enough research to create a case study to start the project and report. Able to demonstrate good investigation skills. Details on the identification of the weakness of the information security design with the evidence. No clear flow of investigation of the organization.	Able to identify the organization and able to conduct enough research to create a case study to start the project and report. Able to demonstrate good investigation skills. Details on the identification of the weakness of the information security design with the evidence. Presenting a clear investigation of the organization.

Marking Criteria	0-2 (Fail)	3-4 (Marginal Fail)	5-6 (Pass)	7-8 (Credit)	9-10 (Distinction)
Critical Discussion (Analysis & Comparison) (10%)	Almost no analysis and comparison of facts presented to appraise issues and cyber security risks faced related to information security design and operation security.	Insufficient analysis and comparison of facts presented to appraise issues and cyber security risks faced related to information security design and operation security Minimal critical discussion.	Sufficient analysis and comparison of facts presented to appraise issues and cyber security risks faced related to information security design and operation security Minimal critical discussion.	Good analysis and comparison of facts presented to appraise issues and cyber security risks faced related to information security design and operation security. Sufficient critical discussion but a lack of evidence.	Very good analysis and comparison of facts presented to appraise issues and cyber security risks faced related to information security design and operation security. Good critical discussion with supporting evidence.

2.	The proposition of the improvements and solutions of information security design for the organization. The improvements and solutions should include recovery strategies and managing compliances (CLO2: C3A, PLO9). (70%)

Marking Criteria	0-5 (Fail)	6-9 (Marginal Fail)	10-14 (Pass)	15-17 (Credit)	18-20 (Distinction)
Research on the Improvements (20%)	Almost no improvements can be seen in the quality of discussion related to information security issues faced by the organization.	Able to show minimal improvements in the quality of discussion related to information security issues faced by the organization.	Able to show significant improvements in the quality of discussion related to information security issues faced by the organization.	Able to show very good improvements in the quality of discussion related to information security issues faced by the organization.	Outstanding quality of work was done in the discussion related to information security issues faced by the organization.

Quality of Solutions (20%)	Solutions are superficial or do not develop proof.	Solutions are loosely related to the proof. Many do not provide supporting statements and credible evidence.	Solutions are related to the proof but inconsistently provide supporting statements and credible evidence.	Solutions provide supporting statements and credible evidence.	Compelling solutions are provided with supporting statements and credible evidence.
Marking Criteria	**0-2** (Fail)	**3-4** (Marginal Fail)	**5-6** (Pass)	**7-8** (Credit)	**9-10** (Distinction)
Relevance to the Industry (10%)	The solutions provided were not feasible, and have no relevance to industry standards and practices	The solutions provided are merely feasible and have minimal relevance to industry standards and practices	The solutions provided are feasible and have some relevance to industry standards and practices	The solutions provided are feasible, with major relevance to industry standards and practices.	The solutions provided are highly feasible, and fully according to the latest industry standards and practices.
Professionalism (10%)	Not demonstrating professionalism in proposal writing. Poor articulation of thoughts. Had issues constructing sentences.	Demonstrating minimal professionalism in proposal writing. Weak articulation of thoughts. Not able to write properly to deliver ideas.	Demonstrating good professionalism in proposal writing. Adequate articulation of thoughts. Able to write properly to deliver ideas.	Demonstrating very good professionalism in proposal writing. Good articulation of thoughts with very good writing skills.	Very professional in proposal writing. Excellent articulation of thoughts with outstanding writing skills.
Referencing (10%)	No in-text citations and very minimal references. Major issues in the referencing format.	Minimal in-text citations and references were used. Minor issues in the referencing format.	A sufficient number of references and citations in the report. No issue with the referencing format.	A recent source of references was used, with a proper reference list. Limited in-text citations in the report.	Very good quality references were used, with proper citations and reference lists for all facts and diagrams used.

Total Marks   **100%**

3. Presentation of the report (CLO3: C3C, PLO5). (20%)					
Marking Criteria	**0-2** **(Fail)**	**3-4** **(Marginal Fail)**	**5-6** **(Pass)**	**7-8** **(Credit)**	**9-10** **(Distinction)**
Content (10%)	Topic lack of relevance or focus. The presentation contains multiple factual errors. Poor use of visual aid in the presentation. Not able to answer questions at all during the Q&A session. Poor understanding of the topic presented.	The topic would benefit from more focus. The presentation contains some factual errors or is arguable. Not able to use much visual aid in the presentation. Not able to answer most of the questions during the Q&A session	The topic is adequately focused and relevant. Some facts are accurate and almost complete. Satisfactory use of visual aid in the presentation. Able to answer questions during a Q&A session with some assistance.	The topic is very focused and relevant. Major facts are accurate and generally complete. Good use of visual aid in the presentation. Able to answer most of the questions during a Q&A session	The topic is tightly focused and relevant. The presentation contains accurate information with no factual errors. Very good and creative use of visual aid in the presentation. Able to answer almost all questions during a Q&A session
Delivery (10%)	Not attending the presentation (without notice) OR Poor presentation skills. Not able to deliver the presentation to the audience.	The presenter was not prepared. Delivery is highly dependent on slides and notes. Most of the time am reading from the slides/notes. Lack of eye contact and clarity of voice.	The presenter was somewhat prepared. Delivery of the presentation sometimes are depending on slides and notes. Showed a lack of confidence. Some eye contact and good voice volume.	The presenter is well-prepared and delivered ideas with good eye contact. Good confidence level. Appropriate voice volume, tone, and pacing.	The presenter is very well prepared and delivers ideas clearly and concisely without depending too much on notes. Volume, pacing, and gestures contributed maximally to the presentation.
Total Marks					**20%**