Specification for assessment item #6: Cybersecurity Project Implementation

Brief

Students will work in groups to develop an ICT solution for an organisational scenario that demonstrates a particular cybersecurity threat to the organisation and implements preventive measures. For the development of the solution, students will follow the project plan, design specifications and test scenarios. For the submission along with the project repository, students will submit the post-implementation analysis to address the technical and non-technical aspects of the project. The technical aspects include implementation challenges, limitations and test outcomes. The non-technical aspects address the social, legal, and economic factors associated with the project.

Submission

Your team must submit the deliverables at Assessment item #6: "Cybersecurity project implementation" assignment folder on the unit's MyLO page by **11:55 pm on Friday, October 13th**.

Failure to complete peer assessment will result in an incomplete assignment that will not be graded.

Deliverables

There are four deliverables in this assignment. First-three deliverable to be submitted by one group member.

1. A pdf version of the post-implementation analysis report (do not submit the docx version)

2. 5 - 10 minute video demonstration of your work

3. Generated source code

4. A peer assessment by each member of the group

Post-implementation analysis report template

The post-implementation analysis should address the following:

1. Project scope statement [from the design document - address if there are any changes]
2. List of High-level Use cases [from the design document - address if there are any changes]
3. Technical outcomes
    a. List of test cases and their outcomes
    b. Implementation challenges and limitations
4. Non-technical aspects of your project scope
    a. Social, ethical, legal, and economic factors associated with the kind of project you have worked

Assessment criteria

Criteria	*HD*	*DN*	*CR*	*PP*	*NN*	*NN-*
Project Implementation alignment with the Project Design [40%]	Project is fully implemented with comprehensive evaluation via test cases	Project is fully implemented; however, evaluation criteria is missing atleast 1 test case	Project is fully implemented; however, evaluation criteria is missing atleast 2 test cases	Project is partly implemented; however, related test cases are evaluated	Project is partly Implemented with majority of the use cases missing. Test cases are not evaluated	Project implementation is out of scope

Demo [30%]	Project demonstration is complete with a clear demonstration of all the use cases	Project demonstration is missing atleast 1 use case	Project demonstration is missing atleast 2 use cases	Project demonstration is missing atleast 3 use cases	Project demonstration is missing more than 3 use cases	Project demonstration is out of scope
Post-Implementation Analysis [20%]	The report clearly addresses Technical and non-technical aspects of the project	The report addresses Technical and non-technical aspects of the project; however, missing some key points	The report addresses Technical and non-technical aspects of the project; however, missing some key points. The non-technical aspects are vaguely described	The report only addresses the Technical aspects of the project	Technical and non-technical aspects are missing or not provided	Submitted report is out of scope
Report delivery [10%]	Delivered report is understandable with a logical flow			Delivered report lacks a logical flow; however, understandable	Delivered report is difficult to understand	

Evaluation

Your assignment will be given two scores: one for the overall assignment and a second for your individual score after peer assessment. Your individual score will be factored into your overall grade.

Document version

Version no.	***Date***	***Notes***
1.0.0	06/08/2023	Assignment specification document released