**Assignment # 2**

**Risk Assessment & Management (0112300)**

**CLO 2, 3, 4, 5**

**Assignment Type:** Group Assignment: make a group of 2 members

**Submission Type:** Online through Moodle

**Due Date:** 20 of November 2022

**Format: Report** should contain 1200-1500 words excluding references

**Research:**

During this course of *Risk Assessment and Management*, we have learned several different topics about assessing the risk sources, vulnerabilities, threats, evaluating the risk, quantifying it, and many other topics. Therefore, this Assignment is about putting together all the learned techniques about Risk in this course for helping a particular business to improve its system security.

Each group need to write a report about one business (company, firm, an organization), look at their web application, in the report, you must discuss the following points:

1. Clear introduction about this business.
2. Their line of operations, resources used, size of the business, type of the employees etc.
3. To the best of your knowledge and investigation, discuss some of the used *techniques* to secure their systems.
4. *Compare* these techniques with what we have done in this course. List their advantages, disadvantages, popularity, and deployment.
5. Some of the possible *attacks* on their systems.
6. Have they been hacked or breached in the past?
7. Some of the countermeasures on these attacks.
8. References

*IMPORTANT:* ***Plagiarism will not be tolerated****! Groups that copy from other groups will both receive a mark of zero without warning.*

This is a research nature report. Meaning you may refer to the Internet, slides, books, etc. In this regard, we are referring (Not copy-paste) to other sources from which we used their material with proper citations (i.e. references). So, be cautious when you used other sources material by doing the following:

- No copy-paste is allowed. All submissions will be tested on Turnitin. Minimum acceptable plagiarism is 19%. Any reports with plagiarism higher than this will not be considered and team will be awarded 0 marks.

- If it is observed that report is paraphrased from some other report or texts, it will not be considered for assessment and the group will be awarded 0 marks.

- When you want to use some other resources, make sure to re-write it, reference it in your report, and if you MUST copy-paste (in case of definitions), you need to used quotations and citations.

**Assessment Rubric:**

This report will be assessed based on the following rubric:

|  |  |  |  |
| --- | --- | --- | --- |
| Attribute  Criteria | Excellent | Good | Poor |
| Report Contents  (0 – 6) | The report has all the contents well described as required in the assignment supported with figures/tables/charts etc.  (5 – 6) | The report has most of the contents well described as required in the assignment  (3 – 4) | Report contents are incomplete  Required points of the report are not clear or comprehensive  (0 – 2) |
| Presentation  (0 – 2) | Student shows a sound knowledge of the topic, have continuous eye-contact with the audience and does not read the text from slides  (2) | Student shows good knowledge of the topic, have continuous eye-contact with the audience and is able to present the idea without reading the text most of the time  (1) | Student occasionally has eye-contact with the audience and reads most of the presentation from slides or other material  (0) |
| Similarity  (0 – 2) | Similarity is below 6% and total words are more than 1200  (2) | Similarity is greater than 5% and less than 11% and total words are more than 1200  (1) | Similarity is greater than 10% and less than 20% and total words are more than 1200  (0.5) |
| Total Marks  (0 – 10) |  |  |  |