BSc Honours degree in IT (Sp. Cyber Security)

Year: 2   Semester: 1

Module Code: IE2022 Module Name: Introduction to Cyber Security

Assignment – 2022

Aim: The aim of this assessment is to create awareness of current topics in cyber security

Mode of assessment: Individual

Mode of Submission: Report and a video presentation to be submitted online through courseweb.sliit.lk

Deadline: 30th October 2022

Total CA marks: 30 (20 marks for the report and 10 marks for the video presentation)

Assessment instructions

a) Select an emerging topic in cyber security. Register your topic using the google form provided on courseweb.

b) Write a report including the following sections;
   1. **Abstract:** a self-contained, short statement that describes an overall work.
   2. **Introduction to the topic:** the beginning section which introduces the general topic area of the write up.
   3. **Evolution of the topic:** explains how the selected topic was evolved in the recent past to the extent of it today
   4. **Future developments in the area:** explains the possible/predicted future developments in the selected area
   5. **Conclusion:** synthesis of key points and, if applicable, where you recommend new areas for future research
   6. **References:** use IEEE referencing style in both in text and bibliography. Refer IEEE referencing available on courseweb.

c) You are required to submit your original work with a word limit of 5000 to 5500 which cannot be copied from other sources. Follow the IEEE referencing style throughout the document and the similarity index with turnitin should be below 20%.

d) Use the courseweb link to upload the report.

e) Marks will be allocated for your insights on the selected topic fulfilling the following criteria.

#	Criteria	Allocated Weight	Excellent (100 – 80)	Good (79 – 60)	Average (59 -40)	Below Average (39 -20)	Poor (19 – 0)	Marks Obtained
1	Abstract	10	Background of the topic clearly identified, significance and major outcomes presented	Background of the topic clearly identified; significance of the topic explained	Background is vague, significance of the topic is not explained properly, outcomes not presented	Topic explained in brief, significance not identified, nor outcomes presented	Poorly crafted abstract	
2	Introduction to the topic	10	Explain the topic in detail. Objectives of the report presented clearly. Well research latest information is presented of the topic.	Explain the topic in detail. Objectives of the report presented clearly. Some research latest information is presented of the topic.	Explain the topic in brief. Objectives are vaguely presented. Some latest information is presented of the topic.	Explain the topic in brief. Objectives are not present. Information presented are not recent.	Explain the topic in poorly. Objectives are not present. Information presented are not recent.	
3	Evolution of the topic	30	Excellent longitudinal study supported with latest research materials. Subtopics identified properly. Information is summarized synthesized. Meaningful tables and figures used.	Good longitudinal study supported with latest research materials. Subtopics identified properly. Information is summarized synthesized. tables and figures used without merit.	longitudinal study is vague and research materials are not well supported. Subtopics identified. Information is summarized. tables and figures used without merit.	longitudinal study is vague and research materials are not well supported. Subtopics are not identified. Information is summarized. tables and figures used without merit.	longitudinal study not done. Arbitrary information is presented and directly expected from source materials.	
4	Future developments in the area	20	A minimum of four future developments identified and explained, and backed through prior research.	A minimum of three future developments identified and explained, and backed through prior research.	A minimum of two future developments identified and explained, and backed through prior research.	A minimum of one future developments identified and explained, and not supported through prior research.	No future developments identified and explained	

5	Conclusion	10	Summaried the report, major findings identified and presented future developments in brief.	Summaried the report, major findings identified. Future developments are not presented	Summaried the report, no findings presented or future developments	Summaried the report no relevance to contents presented in the report.	No proper conclusion available.	
6	References	10	IEEE referencing used with intext referencing and reference list. Less than 20% similarity in turnitin	IEEE referencing used with intext referencing. Reference list is not crafted properly. Less than 30% similarity in turnitin	IEEE referencing used and reference list is not crafted properly. Less than 40% similarity in turnitin	IEEE referencing used no proper intext referencing or reference list created. Less than 50% similarity in turnitin	No IEEE referencing used. more than 50% similarity in turnitin	
7	Clarity of the document, grammar, language use	10	Excellent document, excellent formatting, No grammatical mistakes. Excellent language use.	Good document, formatting, No grammatical mistakes. Average language use.	Average document, basic formatting, Some grammatical mistakes. Average language use.	Not a well crafted document, basic formatting, many grammatical mistakes. poor language use.	Poorly crafted document, basic formatting, many grammatical mistakes. poor language use.	
	Total Marks	**100**						

f) Make sure to create a presentation based on the content included in the report. Narrate the presentation with your voice and develop a video explaining what you have incorporated in the report by covering all sections.

g) Video preparation instructions are as follows;
   1. 10 minutes' presentation should contain an explanation of your report.

   2. The presentation should contain an <u>Abstract, Introduction to the topic, Evolution of the topic, Future developments in the area and a Conclusion</u> based on the report.

   3. Include the topic and your name and registration number on the first slide.

   4. Name the file with your registration number (`ITXXXXXXXX`).

   5. Use the link available in the courseweb to upload the video.

h) Marks will be allocated for your video of the selected topic fulfilling the following criteria.

#	Criteria	Allocated Weight	Excellent (100 – 80)	Good (79 – 60)	Average (59 -40)	Below Average (39 -20)	Poor (19 – 0)	Marks Obtained
1	Effectiveness of the video in communicating the information presented covering all sections of the report	5	Excellent time management. Information presented is well supported in the report.	Good time management. Information presented is well supported in the report.	average time management. Information presented is not well supported in the report.	poor time management. Information presented is not well supported in the report.	Poor time management. Information presented is not supported in the report.	
2	Effectiveness of the visual aids used in the video	5	Excellent presentation. Presentation slides are created effectively. Effective use of tables and figures for emphasis.	Good presentation. Presentation slides are created. Effective use of tables and figures for emphasis	Average presentation. Presentation slides are created. average use of tables and figures for emphasis.	poor presentation. Presentation slides are created. No proper use of tables and figures for emphasis.	poor presentation. Presentation slides are created not created properly. No proper use of tables and figures for emphasis.	
3	Communication skills of the student	10	Excellent verbal communication skills. Excellent language use.	Good verbal communication skills. Good language use.	average verbal communication skills. average language use.	average verbal communication skills. poor language use.	poor verbal communication skills. poor language use.	
	Total	**20**						