BAHRIA UNIVERSITY
(Karachi Campus)
Department of Software Engineering
ASSIGNMENT#03 – Fall 2024

COURSE TITLE:	**Information Security**	COURSE CODE:	**CSC-407**
Class:	**BSE – 7A&7B**	Shift:	**Morning**
Course Instructor:	**DR. OSAMA REHMAN**	Date:	**31-Oct-2024**
Due Date:	**16-Dec-2024**	Marks:	**8.0 Marks**

Instructions:
1. **This activity is a Problem Based Learning and a group effort (Max. 3 members).**
2. **The presented materials must be uploaded on LMS.**
3. **Write group member names, registration number and section under presentation title.**

Prepare a 15 ~ 18 slides presentation in MS power point on one of the given Information Security topics below. Each member is required to present his/her part, where the presentation will be followed by cross-questioning from the instructor. All students should have knowledge regarding the complete contents of the presentation rather than focusing of the contents of his/her part only. The presentation content should be technical in nature, i.e. supporting the general patterns adopted in the relevant course, Information Security. Technical contents of the presentation can only be prepared after conducting a thorough investigation regarding the concerned topic. The list of topics is provided below from which you need to select. You are also allowed to select a topic other than those mentioned in the list below after taking consent from course instructor.

[CLO#5, PBL, 8.0 marks]

List of Suggested Topics:
1. Mobile Devices Security
2. Security Incident Response
3. Computer Forensics
4. Data Security
5. SQL Injection Attacks and Countermeasures
6. Session Hijacking Attacks and Countermeasures
7. Penetration testing
8. Application Security (e.g. Secure Software Design, Secure Code Practice, Software Security Standards, Application Security Testing, etc.)
9. Physical Security Controls
10. Risk Management

Note: presentation MUST be self-made, where its uploaded softcopies will be checked for plagiarism.

Good Luck!