



PROGRESS OF THE ELEGANT PROJECT AT PSUT



Co-funded by the
Erasmus+ Programme
of the European Union

PRESENTATION OUTLINE

- PSUT Colleges
- Progress of the project at PSUT

PSUT COLLEGES

- KING HUSSEIN SCHOOL OF COMPUTING SCIENCES
- KING ABDULLAH II SCHOOL OF ENGINEERING
- KING TALAL SCHOOL OF BUSINESS TECHNOLOGY
- KING ABDULLAH I SCHOOL OF GRADUATE STUDIES AND SCIENTIFIC RESEARCH

KING HUSSEIN SCHOOL OF COMPUTING SCIENCES

- B.Sc. in Computer Science
- B.Sc. in Computer Graphics and Animation
- B.Sc. in Software Engineering
- B.Sc. in Data Science and Artificial Intelligence
- B.Sc. in CyberSecurity
- **M.Sc. in Computer Science**
- **M.Sc. in Data Science**
- **M.Sc. in Information Systems Security and Digital Criminology**
- **M.Sc. in Enterprise Systems Engineering**
- **Ph.D. in Computer Science**

PSUT PROGRESS

- Kick of meetings.
- Brainstorming to find out the most suitable project to achieve the ELEGANT objectives (Wider , Specific).
- Penetration Lab (Pen-Test lab)
- Establish University-Enterprise Cooperation Network

BRAINSTORMING

- We need a significant project in the region
- We need an project to satisfy the PSUT mission and ELEGANT goals.
- Motivate the industry to Cooperate with us.

PENETRATION LAB (PEN-TEST LAB)

The idea come up from?

- The Corona Virus Disaster created an opportunity for different types of criminals to embark on special **cyberattacks**.
 - Criminals Use Covid-19 in Business
 - Criminals Attack Healthcare Facilities During the Pandemic

PENETRATION LAB (PEN-TEST LAB)

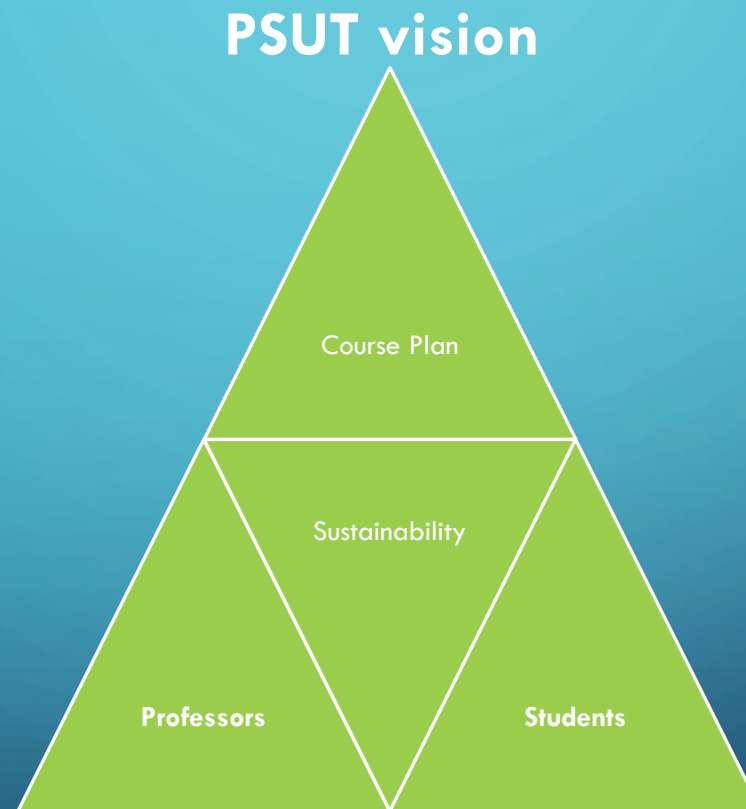
- It's a Cybersecurity concept
 - Web Application Penetration Testing
 - Malware Analysis
 - Network Penetration Testing
 - IoT Testing
 - Digital Forensics
 - Mobile Penetration Testing

ESTABLISH UNIVERSITY-ENTERPRISE COOPERATION NETWORK

- We have succeeded to sign the first agreement with a company related to ELEGANT project
- We looking for an international Company to work with
- We reflect the PSUT vision and ELEGANT objectives on our agreement

ESTABLISH UNIVERSITY-ENTERPRISE COOPERATION NETWORK

ELEGANT objectives



Industry



**CSC BEYOND
WORK PROPOSAL**

Prepared for Princess Sumaya University for Technology



ESTABLISH UNIVERSITY-ENTERPRISE COOPERATION NETWORK

- **Professors** (improve teaching, applied research)
 - Provide professors with training on AI and cybersecurity concepts.
 - Train professors on the ways to maximize the benefit from using AI and cybersecurity in education.
- **Students** (enhance the employability of graduates)
 - Provide students with tutoring on how AI, cybersecurity concepts work.
 - Train students on AI, cybersecurity applications and practices in programming.

