

## CSCM08 Course Work - Group 34 Topic 16

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### Introduction

Creating an awareness campaign video for a medium-sized UK children's-rights charity organization focused on the CyBOK knowledge area of Web & Mobile Security. This knowledge area offers an overview of contemporary online and mobile platform security procedures, assaults, and defenses.

### Key Aspects for the Awareness Campaign

- Understanding of Web & Mobile Security Risks: Draw attention to typical cyber risks such as phishing, malware, and data breaches.
- Best Practices in Digital Security: Secure password practices, frequent software updates, and secure surfing habits are all recommended.
- Data Protection and Privacy: Ensure GDPR (General Data Protection Regulation) and other related requirements are followed.
- Incident Response and Reporting: Procedures to take in the event of a suspected security breach.
- Use of Secure Communication Channels: Encouraging the use of encrypted messaging and email services.

### Outline Plan for the Video

**What:** The video will go over the key principles of Web and Mobile Security, emphasizing the need of safeguarding sensitive information handled by the organisation. This was accomplished by providing instances from the video of phishing and malware assaults on the organization's systems.

**Why:** To strengthen the overall cybersecurity posture of the organisation, it is critical to educate staff members on potential cyber threats and their related implications, as well as digital security best practices. This was demonstrated in the video by teaching staff on appropriate security measures such as password use, software updates, and safe surfing strategies.

**Who:** All staff members were targeted, but notably those in charge of sensitive information and communication.

### Summary and Rationale

**Relevance:** Understanding and implementing effective online and mobile security protocols is critical to protecting the organization's data and reputation, especially given the sensitive nature of the work that the organization undertakes.

**Impact:** Increased understanding reduces the likelihood of data breaches and enhances compliance with legal responsibilities.

### Fitting into a Wider Cyber-awareness Strategy

- Regular Training Sessions: Organize regular training to keep employees up to date on emerging risks and security procedures.
- Security Audits: Conduct regular security audits to identify and rectify vulnerabilities.
- Creating a Security-Focused Culture: Encourage a culture where security is everyone's responsibility not just the IT department.
- Clear Policies and Guidelines: Develop and disseminate clear guidelines on digital security practices within the organization.