

Digital Security Group Project

Background

There are continuously developing stories in the media of security vulnerabilities in information and computing technology. These security weaknesses are constantly being exploited by hackers with both ethical and malicious intent. Because computer technology has been integrated into virtually every consumer and industrial product manufactured today, hacking exploits have surfaced in uncommon and surprising places. While networking vulnerabilities can affect traditional computing systems, any device that connects to the ever expanding infrastructure of the Internet is capable of having its weaknesses exploited.

Instructions

In this assignment you will be working in three member teams of your choosing. Each team will find a recent (past year) example of security vulnerabilities in technology, research it, and prepare a 10-15 minute presentation. Your team will need to present, to your classmates, a description of the hack, attack, or discovered vulnerabilities, a high level explanation of the vulnerabilities that were or could have been exploited, any other relevant information, and what has been done or recommended to prevent future attacks. Your presentation should cite or give credit to all sources used. In addition, each team member will be responsible for a portion of the presentation.

Points	Task
25	Appropriate background information and context given for the vulnerability.
25	Clear explanation of how the vulnerability was exploited.
25	Clear explanation of counter measures or fixes to prevent future attacks.
15	All team members must be assigned a portion of the presentation.
10	All sources are cited in your presentation.
100	Total

