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| |  |  | | --- | --- | |  | **Qatar University**  **College of Engineering**  **Department of Computer Science and Engineering** | |

Web development Fundamentals-(CMPS 350)

**Group Project Report**

***Dji – Drown Company Website***

*Fall 2023*

**Project Group Members:**

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# Abstract

# Keywords:

*e.g : Social Engineering-Scareware-Water Holing-Phishing- Preventions-Metaspolit-Reverse TCP- Reverse Shell-PDF Embedded exe.*

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# Introduction and Motivation

## Project objectives

Eg:

1. **To Teach People:** We want to help people understand how social engineering attacks like phishing work.
2. **To Display real-life examples:** We'll show examples of real-life examples of these attacks that happened to other people/organizations.
3. **To give Power to Defend:** We aim to give people the knowledge and tools they need to protect themselves from these sneaky attacks.
4. **To make the Internet Safer:** Ultimately, our goal is to make the internet a safer place for everyone by making sure people know how to stay safe online.

## 1.2 Key features

**Detailed Attack Insight**: Our project thoroughly explains three social engineering attacks: scareware, water holing and finally phishing. We cover how they work, cybercriminal methods, and potential risks.

**Linux-Centric Focus**: This project uniquely focuses on these attacks in a Linux environment, exploring execution and mitigation within Linux systems.

**Real-World Examples**: We include real-life cases to make the information relatable, showing how these attacks have been used in practice.

**Motivation Understanding**: We explore attackers' motivations, helping readers understand why these tactics are used.

**Practical Defense**: We offer actionable defense strategies for each attack, empowering individuals, and organizations to enhance their cybersecurity.

**Risk Assessment**: Our project evaluates the impact of these attacks on individuals and businesses, emphasizing the need for proactive defense.

## 1.2 Key Applications

**Educational Resource:** Our project is a valuable learning tool for those interested in understanding social engineering attacks, making it particularly beneficial for individuals and organizations aiming to enhance their cybersecurity knowledge.

**Risk Mitigation Guide:** Businesses and individuals can leverage our project to implement practical measures for reducing the risks associated with scareware, water holing, and emphasizing on phishing attack. It offers actionable guidance to strengthen cybersecurity defenses.

# Implementation

# Diagram:

# Novelty:

# Complexity:

# Quality:

# Difficulties We Faced:

# Conclusion:

# Project Contribution

|  |  |  |
| --- | --- | --- |
|  | ***Contribution*** | ***Percentage*** |
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# References: