social engineering task description

**Understand and Document Two Scenarios**:

* + **Design**: Identify two realistic situations where someone could use social engineering (manipulation to gain confidential information) to compromise IT security.
  + **Details to Include**: Explain how these situations could be exploited, what tools or tricks might be used, how victims could protect themselves, and the potential impact of a successful attack.

1. **Conduct Interviews**:
   * **Objective**: You need to interview people to assess how likely it is that the social engineering attack would succeed, the potential damage it could cause, and whether people are aware of these risks.
   * **Number of Interviews**: Conduct at least three interviews for each scenario.
   * **Selection of Interviewees**: Choose people who represent typical targets of these attacks, not experts in social engineering. Avoid interviewing friends and family as their responses might not be as reliable.
2. **Goal of the Study**:
   * **Understanding Public Awareness**: Your main aim is to understand how well the general public recognizes the risks of social engineering attacks related to IT.
   * **Report Findings**: Document your findings, focusing on public awareness and the seriousness of the threats posed by your scenarios.
3. **Report Content**:
   * **Scenario Exploitation**: Describe how each scenario could be exploited.
   * **Artifacts Used**: If any specific tools or methods are used in the exploit, mention them.
   * **Protection Measures**: Explain how potential victims can protect themselves.
   * **Victim Awareness**: Document the awareness level of the interviewed victims about these threats.
   * **Expected Gains from Successful Exploits**: What the attacker might gain from a successful attack.
   * **Mitigation Strategies**: How can security managers prevent or mitigate these threats?
4. **Ethical Considerations**:
   * **No Real Attacks**: Do not actually carry out any social engineering attacks. This study is about understanding and documenting, not executing attacks.
   * **Ethical Guidelines**: Follow ethical guidelines strictly. Ensure no discomfort or danger is posed to anyone you interact with.
   * **Consult Course Staff**: If you're unsure about the ethical aspects, consult with your course staff.
   * **Ethical Research Resources**: You’re encouraged to visit the provided link (<https://www.vr.se/english/mandates/ethics.html>) for guidance on ethical research.

Remember, the key is to investigate social engineering in a safe, objective, and ethical manner, focusing on public understanding and awareness without causing any harm or discomfort to your interview subjects.

Main points reviewers should be concerned about

1)Finding out how experiment was conducted

2)Whether there was any risk that anybody in the experiment could have come to potential harm.

Turning their backs and worrying about if someone fooled them.

The group has to put detail of who they interviewed and how they interviewed ,any problems there were in getting people to understand and the insights that came from this.

Total of 6 different interviews

Review phase – chance to delve deeper and communicate.

You communicate with 2 groups. Both the meetings up to you to decide if u are good communicators. You are going to show the group why you did the things you did and an insight into things you are working on.

Communicate with the group about what you don’t understand and insist they teach you more.

1)Passing over the hand in material and booking in times you will do the meetings required

2)Review the material you have received from the group

Learn about the task you are reviewing

Check things off, Do they have a good conclusion ,have they written proper references.

3) Check if you have missed things in your hand in after seeing their hand in

4)Document your critique, make notes about things you will ask in the meeting

5)You are required to meet both members at same time.

**Documentation**

Check things off, Do they have a good conclusion ,have they written proper references.

Criticism of their work where they can improve

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