Security Requirements

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# Discussion of Attack Scenarios

**Activity Description:** In this activity, students are provided with attack scenarios. Students will discuss what security requirements the application should have to prevent the attack from succeeding, and the mitigation strategies for the attacks.

**Activity Environment:** Group discussion or individual work

**Activity Files that are Needed:** a document describing the attack scenarios (Attack Scenarios.docx)

### **Actvity Exercise/step 1**

Read each of the attack scenario in “Attack Scenarios.docx”.

1. For each case, what are the security requirements the application should have to prevent the attack from succeeding? Explain your answer.
2. What are some mitigation strategies to prevent the attack from succeeding?

## What to submit

Students will submit a word document of their answers to the above questions for each attack scenario.