**Cross-Site Scripting (XSS) Attack Lab- Task 1**

Completed by Eric Adamian

VirtualBox IP addresses:

|  |  |
| --- | --- |
|  | ClientVM |
| IP Address: | 10.0.2.17 |

**Task 1: Posting a Malicious Message to Display an Alert Window**

Explanation: Implementing a basic JavaScript command that alerts any users of the pop-up window when visiting the attacker’s profile page

**Step 1:** Open website www.xsslabelgg.com; log in as a user for attacker (Samy 🡪 UserName: samy, Password: seedsamy)

A screenshot of a cell phone

Description automatically generated

**Step 2:** Click “Edit profile”; under “Brief description”, enter the following JavaScript code: **<script>alert(‘XSS’);</script>**

A screenshot of a cell phone

Description automatically generated

**Step 3:** Ensure alert pops up for Samy (attacker) after saving the page

A screenshot of a computer

Description automatically generated

**Step 4:** Ensure alert pops up for Alice (any victim) after opening Samy’s profile page

A screenshot of a cell phone

Description automatically generatedA screenshot of a computer screen

Description automatically generated

**Observation:** **Successfully implemented a malicious message on the alert window** for any users that want to access the attacker’s profile page