**Penetration Testing Report**

**Full Name:  
Program: HCPT**

**Date:**

**Introduction**

This report document hereby describes the proceedings and results of a Black Box security assessment conducted against the **Week {#} Labs**. The report hereby lists the findings and corresponding best practice mitigation actions and recommendations.

**1. Objective**

The objective of the assessment was to uncover vulnerabilities in the **Week {#} Labs** and provide a final security assessment report comprising vulnerabilities, remediation strategy and recommendation guidelines to help mitigate the identified vulnerabilities and risks during the activity.

**2. Scope**

This section defines the scope and boundaries of the project.

| **Application Name** | **{Lab 1 Name}, {Lab 2 Name (if the week has 2 labs)}** |
| --- | --- |

**3. Summary**

Outlined is a Black Box Application Security assessment for the **Week {#} Labs**.

**Total number of Sub-labs: {count} Sub-labs**

| **High** | **Medium** | **Low** |
| --- | --- | --- |
| **{count}** | **{count}** | **{count}** |

**High - Number of Sub-labs with hard difficulty level**

**Medium - Number of Sub-labs with Medium difficulty level**

**Low - Number of Sub-labs with Easy difficulty level**

# 1. {Lab 1 Name}

# 1.1. {Sub-lab-1 Name}

| **Reference** | **Risk Rating** |
| --- | --- |
| {Sub-lab-1 Name} | **Low / Medium / High** |
| **Tools Used** | |
| Tools that you have used to find the vulnerability. | |
| **Vulnerability Description** | |
| About the vulnerability and its working | |
| **How It Was Discovered** | |
| Automated Tools / Manual Analysis | |
| **Vulnerable URLs** | |
| URLs of the vulnerable pages in the lab | |
| **Consequences of not Fixing the Issue** | |
| What will be the consequences if the vulnerability is not patched? | |
| **Suggested Countermeasures** | |
| Give some Suggestions to stand against this vulnerability | |
| **References** | |
| URLs to the sources used to know more about this vulnerability | |

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# Proof of Concept

This section contains the proof of the above vulnerabilities as the screenshot of the vulnerability of the lab

# 1.2. {Sub-lab-2 Name}

| **Reference** | **Risk Rating** |
| --- | --- |
| {Sub-lab-2 Name} | **Low / Medium / High** |
| **Tools Used** | |
| Tools that you have used to find the vulnerability. | |
| **Vulnerability Description** | |
| About the vulnerability and its working | |
| **How It Was Discovered** | |
| Automated Tools / Manual Analysis | |
| **Vulnerable URLs** | |
| URLs of the vulnerable pages in the lab | |
| **Consequences of not Fixing the Issue** | |
| What will be the consequences if the vulnerability is not patched? | |
| **Suggested Countermeasures** | |
| Give some Suggestions to stand against this vulnerability | |
| **References** | |
| URLs to the sources used to know more about this vulnerability | |

# Proof of Concept

This section contains the proof of the above vulnerabilities as the screenshot of the vulnerability of the lab

# 2. {Lab 2 Name (if the week has 2 labs)}

# 2.1. {Sub-lab-1 Name}

| **Reference** | **Risk Rating** |
| --- | --- |
| {Sub-lab-1 Name} | **Low / Medium / High** |
| **Tools Used** | |
| Tools that you have used to find the vulnerability. | |
| **Vulnerability Description** | |
| About the vulnerability and its working | |
| **How It Was Discovered** | |
| Automated Tools / Manual Analysis | |
| **Vulnerable URLs** | |
| URLs of the vulnerable pages in the lab | |
| **Consequences of not Fixing the Issue** | |
| What will be the consequences if the vulnerability is not patched? | |
| **Suggested Countermeasures** | |
| Give some Suggestions to stand against this vulnerability | |
| **References** | |
| URLs to the sources used to know more about this vulnerability | |

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# Proof of Concept

This section contains the proof of the above vulnerabilities as the screenshot of the vulnerability of the lab

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# 2.2. {Sub-lab-2 Name}

| **Reference** | **Risk Rating** |
| --- | --- |
| {Sub-lab-2 Name} | **Low / Medium / High** |
| **Tools Used** | |
| Tools that you have used to find the vulnerability. | |
| **Vulnerability Description** | |
| About the vulnerability and its working | |
| **How It Was Discovered** | |
| Automated Tools / Manual Analysis | |
| **Vulnerable URLs** | |
| URLs of the vulnerable pages in the lab | |
| **Consequences of not Fixing the Issue** | |
| What will be the consequences if the vulnerability is not patched? | |
| **Suggested Countermeasures** | |
| Give some Suggestions to stand against this vulnerability | |
| **References** | |
| URLs to the sources used to know more about this vulnerability | |

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**NOTES:**

* **Everything mentioned inside {} has to be changed based on your week, labs and sub-labs.**
* **If you have 2 labs in same week you need to mention that, if not ignore those mentions for lab 2.**
* **Here it is given with 2 Sub-labs vulnerability, you need to add all the sub-labs based on your labs.**
* **Don’t forget to add the screenshot of the vulnerability in the proof of concept.**
* **Add only 1 screenshot in the Proof of Concept section.**
* **This NOTE session is only for your reference, don’t forget to delete this in the report you submit.**