We Test Pens Incorporated

COMP90074 - Web Security Assignment 2

Student Full Name

Student ID Number

**PENETRATION TEST REPORT FOR**

**PleaseHold Pty. Ltd. - WEB APPLICATION**

**Report delivered: dd/mm/2021**

# Executive Summary

Executive summary of findings and your assessment of the security posture of the web application. One page maximum.

Table of Contents

[Executive Summary 2](#_Toc69927386)

[Summary of Findings 4](#_Toc69927387)

[Detailed Findings 5](#_Toc69927388)

[Finding 1 - Brief description in title 5](#_Toc69927389)

[**Description** 5](#_Toc69927390)

[**Proof of Concept** 5](#_Toc69927391)

[**Impact** 5](#_Toc69927392)

[**Likelihood** 5](#_Toc69927393)

[**Risk Rating** 5](#_Toc69927394)

[**References** 5](#_Toc69927395)

[**Recommendation** 5](#_Toc69927396)

[Finding 2 - Brief description in title 6](#_Toc69927397)

[**Description** 6](#_Toc69927398)

[**Proof of Concept** 6](#_Toc69927399)

[**Impact** 6](#_Toc69927400)

[**Likelihood** 6](#_Toc69927401)

[**Risk Rating** 6](#_Toc69927402)

[**References** 6](#_Toc69927403)

[**Recommendation** 6](#_Toc69927404)

[Finding 3 - Brief description in title 7](#_Toc69927405)

[**Description** 7](#_Toc69927406)

[**Proof of Concept** 7](#_Toc69927407)

[**Impact** 7](#_Toc69927408)

[**Likelihood** 7](#_Toc69927409)

[**Risk Rating** 7](#_Toc69927410)

[**References** 7](#_Toc69927411)

[**Recommendation** 7](#_Toc69927412)

[Appendix I - Risk Matrix 8](#_Toc69927413)

[Appendix 2 - Additional Information 9](#_Toc69927414)

# Summary of Findings

A brief summary of all findings appears in the table below, sorted by Risk rating.

|  |  |  |
| --- | --- | --- |
| **Risk** | **Reference** | **Vulnerability** |
| High | Finding 1 | Nature of vulnerability / One line description |
| High | Finding 2 | Nature of vulnerability / One line description |
| Medium | Finding 3 | Nature of vulnerability / One line description |
| Low | Finding 4 | Nature of vulnerability / One line description |
| Low | Finding 5 | Nature of vulnerability / One line description |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

# Detailed Findings

This section provides detailed descriptions of all the vulnerabilities identified.

## Finding 1 - Brief description in title

|  |  |
| --- | --- |
| **Description** | Detailed description of the vulnerability, including a risk statement. |
| **Proof of Concept** | How can we reproduce the exploit for this vulnerability? |
| **Impact** | **Negligible/Minor/Moderate/Major/Catastrophic: An attacker could do xyz with this vulnerability** |
| **Likelihood** | **Rare/Unlikely/Possible/Likely/Almost Certain: The possibility of the vulnerability being exploited** |
| **Risk Rating** | **Informational / Low / Medium / High / Extreme**  This is the reasoning behind my rating |
| **References** | **http://example.com** |
| **Recommendation** | The fix goes here |

## Finding 2 - Brief description in title

|  |  |
| --- | --- |
| **Description** | Detailed description of the vulnerability, including a risk statement. |
| **Proof of Concept** | How can we reproduce the exploit for this vulnerability? |
| **Impact** | **Negligible/Minor/Moderate/Major/Catastrophic: An attacker could do xyz with this vulnerability** |
| **Likelihood** | **Rare/Unlikely/Possible/Likely/Almost Certain: The possibility of the vulnerability being exploited** |
| **Risk Rating** | **Informational / Low / Medium / High / Extreme**  This is the reasoning behind my rating |
| **References** | [**https://www.miguelxpn.com/security/2020/03/08/Server-side-XSS.html**](https://www.miguelxpn.com/security/2020/03/08/Server-side-XSS.html) |
| **Recommendation** | The fix goes here |

## Finding 3 - Brief description in title

|  |  |
| --- | --- |
| **Description** | Detailed description of the vulnerability, including a risk statement. |
| **Proof of Concept** | How can we reproduce the exploit for this vulnerability? |
| **Impact** | **Negligible/Minor/Moderate/Major/Catastrophic: An attacker could do xyz with this vulnerability** |
| **Likelihood** | **Rare/Unlikely/Possible/Likely/Almost Certain: The possibility of the vulnerability being exploited** |
| **Risk Rating** | **Informational / Low / Medium / High / Extreme**  This is the reasoning behind my rating |
| **References** | **http://example.com** |
| **Recommendation** | The fix goes here |

# Appendix I - Risk Matrix

All risks assessed in this report are in line with the ISO31000 Risk Matrix detailed below:



# Appendix 2 - Additional Information

This section is for any additional information you feel is relevant. This is where all your code and large proof of concepts should be! Make sure the code is properly formatted (and keep it in another file if needed, but refer to it properly)