Stored Cross Site Scripting (XSS) vulnerability was found in "/view\_type.php" of the Kashipara Live Membership System v1.0 allows remote attackers to execute arbitrary code via "membershipType" POST parameter fields.

Affected Vendor: KASHIPARA (https://www.kashipara.com/)

Product Official Website URL: Online Exam System v1.0

(https://www.kashipara.com/project/php/12997/live-membership-system-in-php-php-project-source-code)

Version: 1.0

## **Affected Components:**

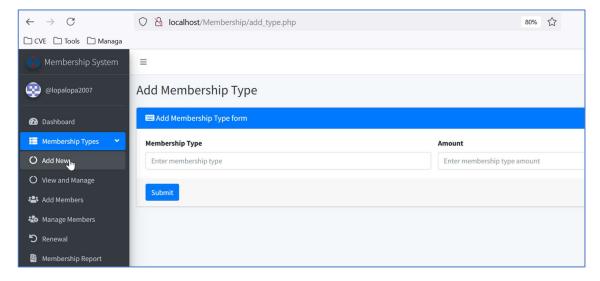
Affected Code File: /add\_type.php & /view\_type.php

• Affected Parameter: " membershipType" POST parameter input

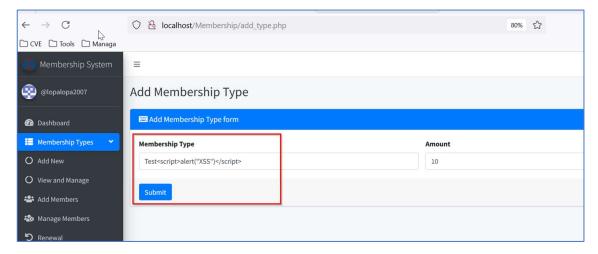
• Application URL: <a href="http://localhost/Membership/view-type.php">http://localhost/Membership/view-type.php</a>

## Steps:

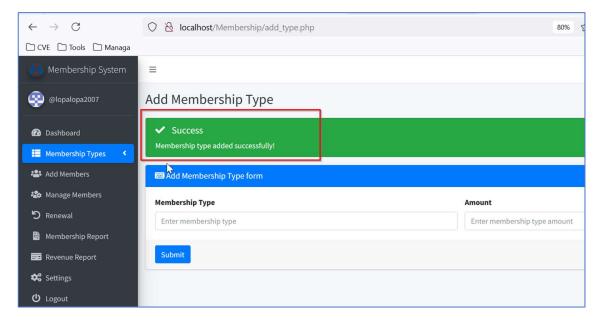
- 1. Login as administrator in the Live Membership System v1.0 application (URL: http://localhost/Membership/index.php).
- 2. Navigate to "Membership Types" -> "Add New" menu.



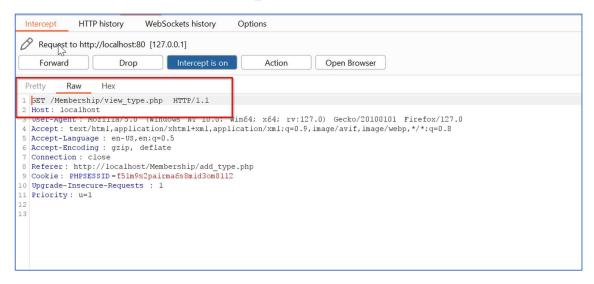
3. Enter the XSS script payload: *Test<script>alert("XSS")</script>* in "Membership Type" input text box and click "Submit" button.



4. The XSS script gets submitted successfully and it gets stored in database.

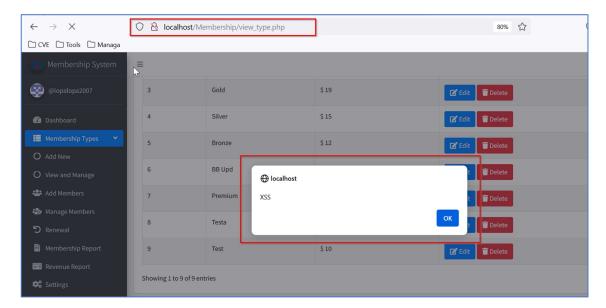


 Navigate to "Membership Types" -> "View and Manage" menu (URL: http://localhost/Membership/view type.php)

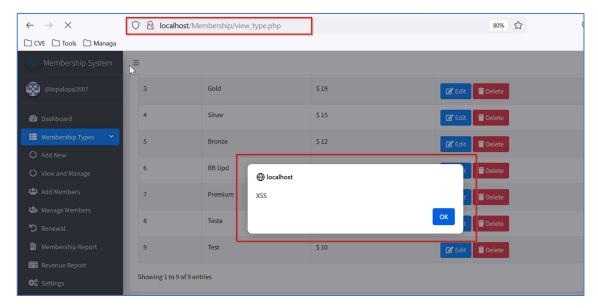


6. The XSS script we submitted in Step 3&4 is reflected back as it is in the response. This script gets executed on the browser.





7. This XSS script is stored in the database. So, every time we navigate to the "Membership Types" -> "View and Manage" menu (URL: <a href="http://localhost/Membership/view\_type.php">http://localhost/Membership/view\_type.php</a>), this XSS script will get executed.



## **Solution/Good Reads:**

Output Encoding -> When you need to safely display data exactly as a user types it in, output encoding is recommended.

- https://portswigger.net/web-security/cross-site-scripting
- https://cheatsheetseries.owasp.org/cheatsheets/Cross Site Scripting Prevention Cheat Sheet.html