

Stored Cross Site Scripting (XSS) vulnerability was found in `"/smsa/add_class_submit.php"` in Kashipara Responsive School Management System v3.2.0 allows remote attackers to execute arbitrary code via `"class_name"` POST parameter fields.

Affected Vendor: Kashipara (<https://www.kashipara.com/>)

Product Official Website URL: Responsive School Management System
(<https://www.kashipara.com/project/php/12362/responsive-school-management-system-php-project-source-code>)

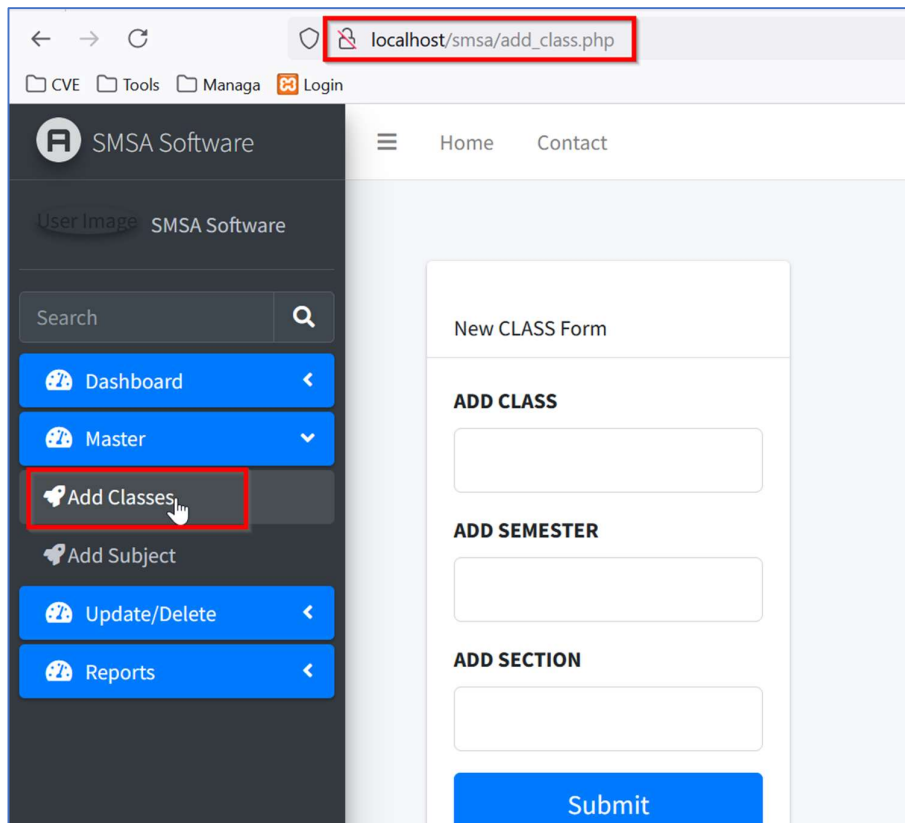
Version: 3.2.0

Affected Components:

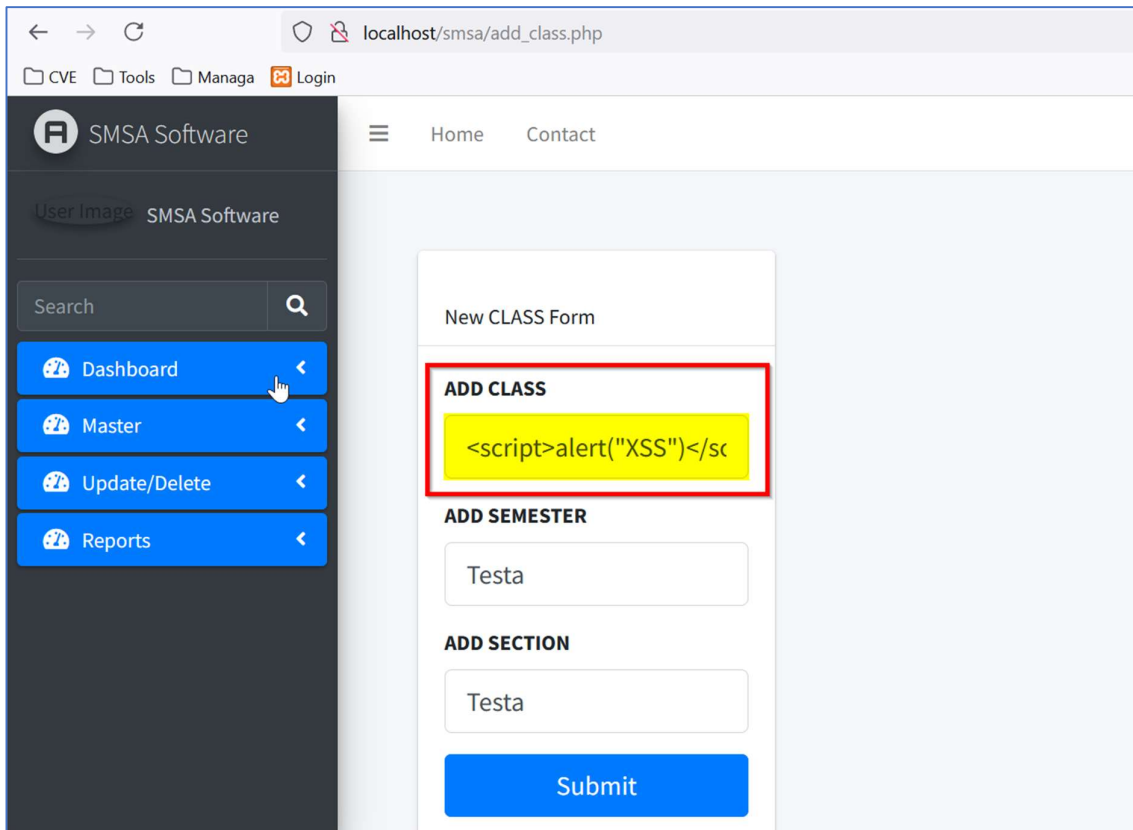
- **Affected Code File:** `/smsa/add_class_submit.php`
- **Affected Parameter:** `"class_name"` POST parameter

Steps:

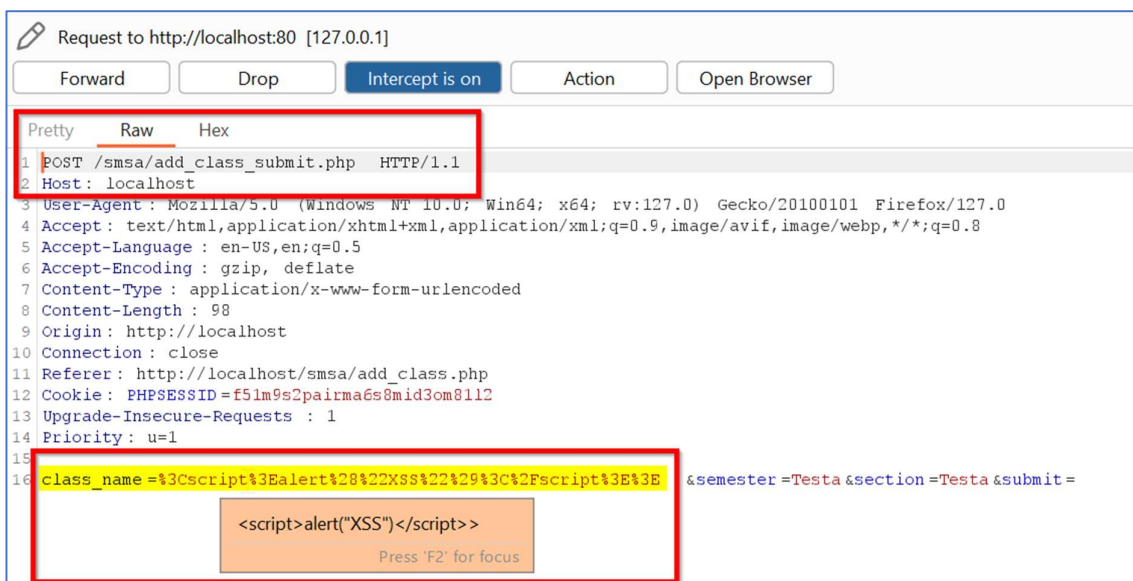
1. Login into the Responsive School Management System v3.2.0 as an Admin (URL: http://localhost/smsa/admin_login.php).
2. Navigate to menu "Master" -> "Add Classes" (URL: http://localhost/smsa/add_class.php)



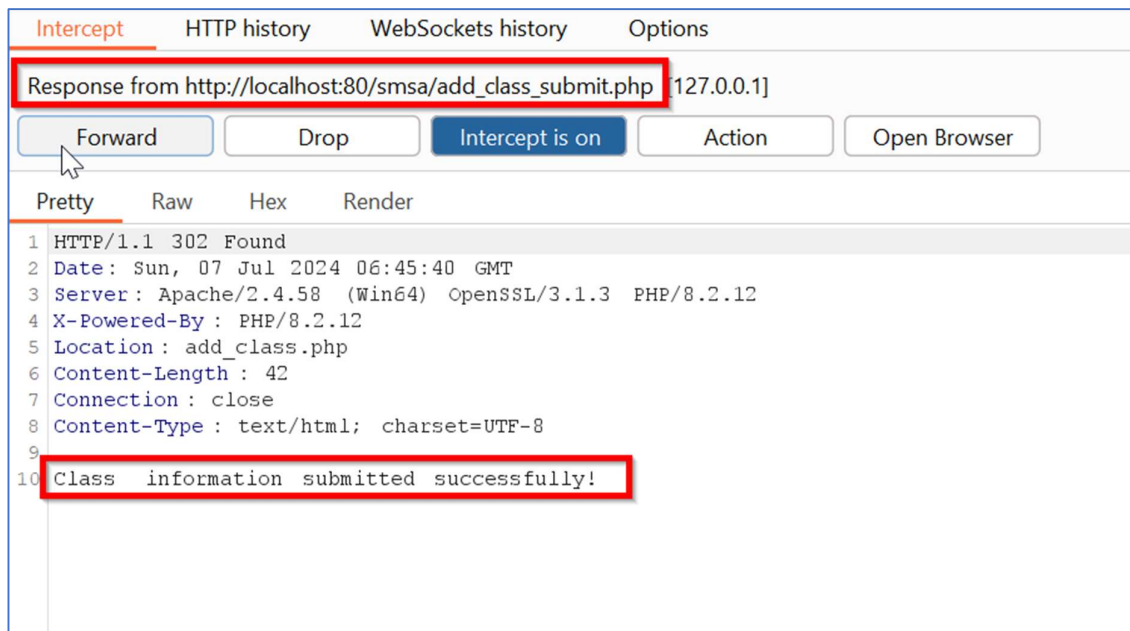
3. Insert the XSS script "`<script>alert('XSS')</script>`" in the "ADD CLASS" textbox. Enter any random value in other textboxes and click "Submit".



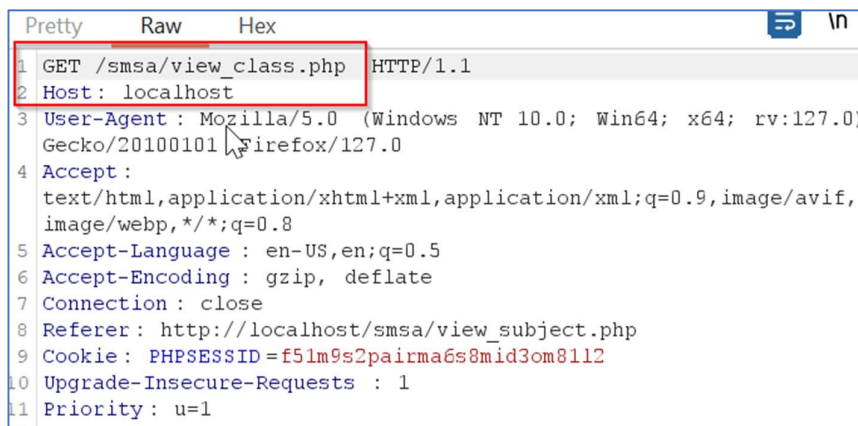
4. This will forward the request with XSS script to server in the "class_name" POST request parameter.



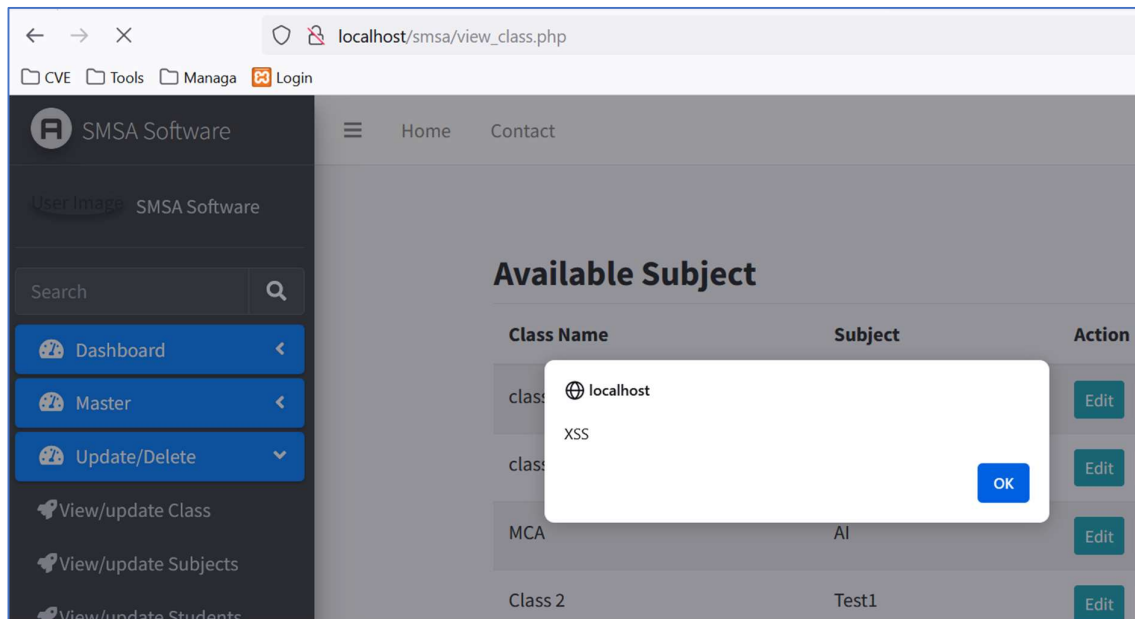
5. The request gets accepted and the class name entry with XSS script is stored in the application database.



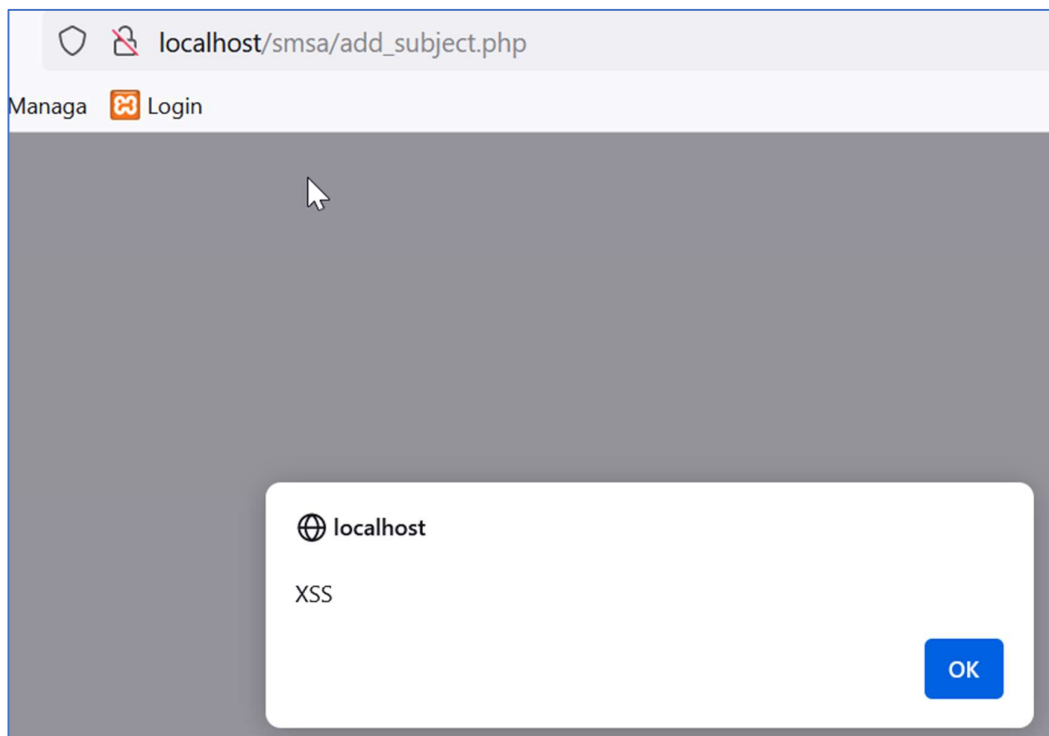
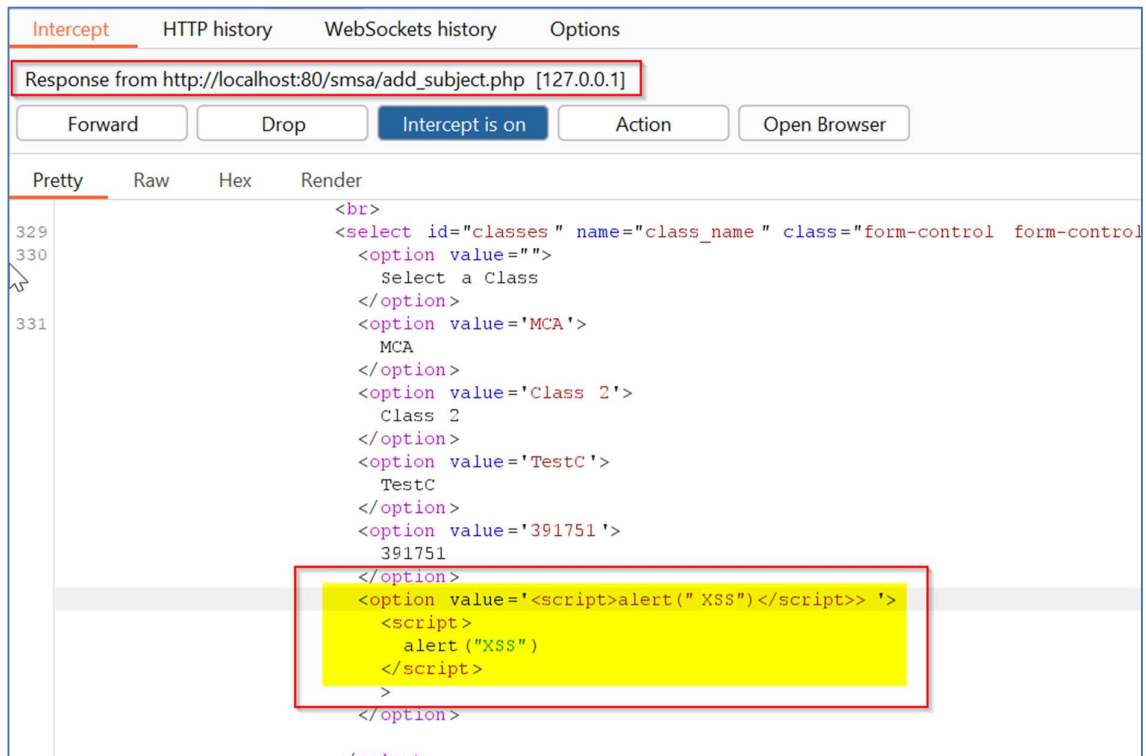
6. Let us try to view the CLASS name. Navigate to "Update/Delete" -> "View/update Class".
URL: http://localhost/smsa/view_class.php



7. The XSS script we submitted in the Step 4, gets reflected back as it is in the response and it gets executed in the browser.



8. Similarly, if we try to access the “Add Subject” page by navigating to menu “Master” -> “Add Subject” (URL: http://localhost/smsa/add_subject.php), the XSS script we submitted in the Step 4, gets reflected back as it is in the response and it gets executed in the browser.



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](https://cheatsheetseries.owasp.org/cheatsheets/Cross_Site_Scripting_Prevention_Cheat_Sheet.html)