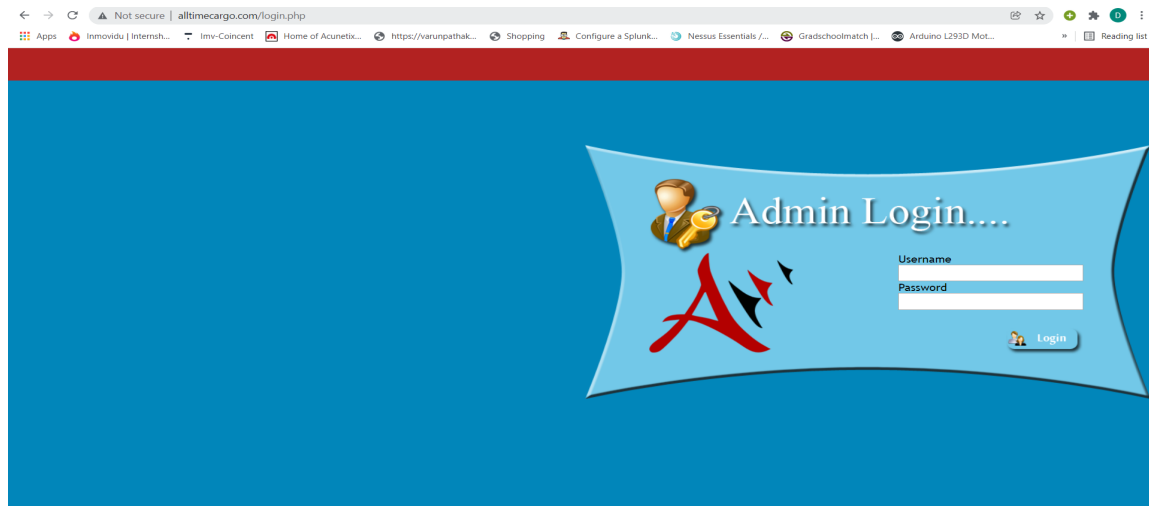


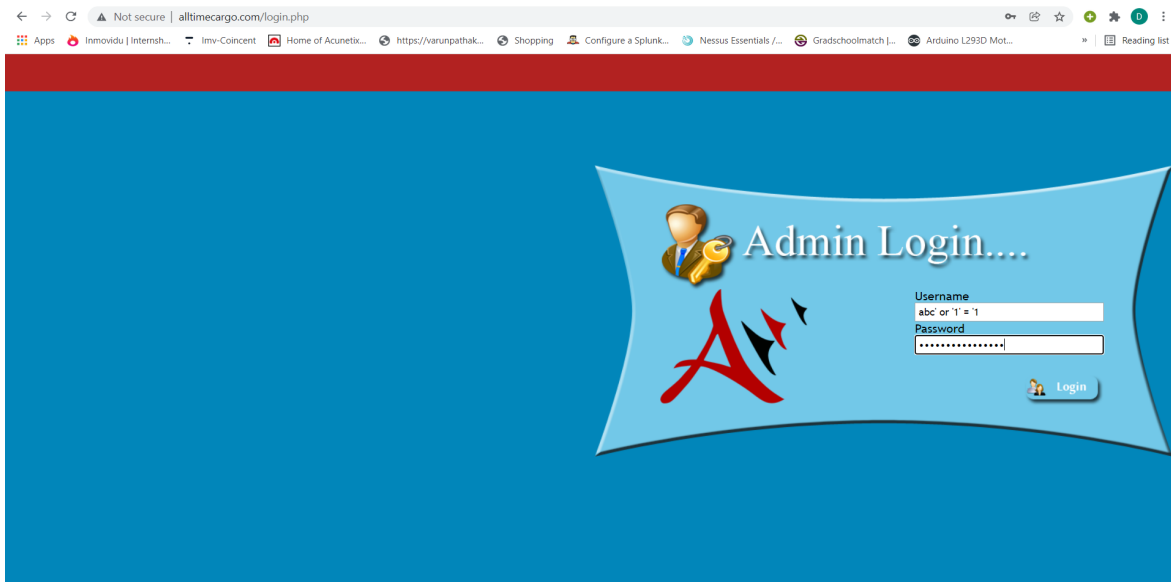
Internship Project 1:- Authentication Bypass

1) a) Manual: (Using SQL injection)

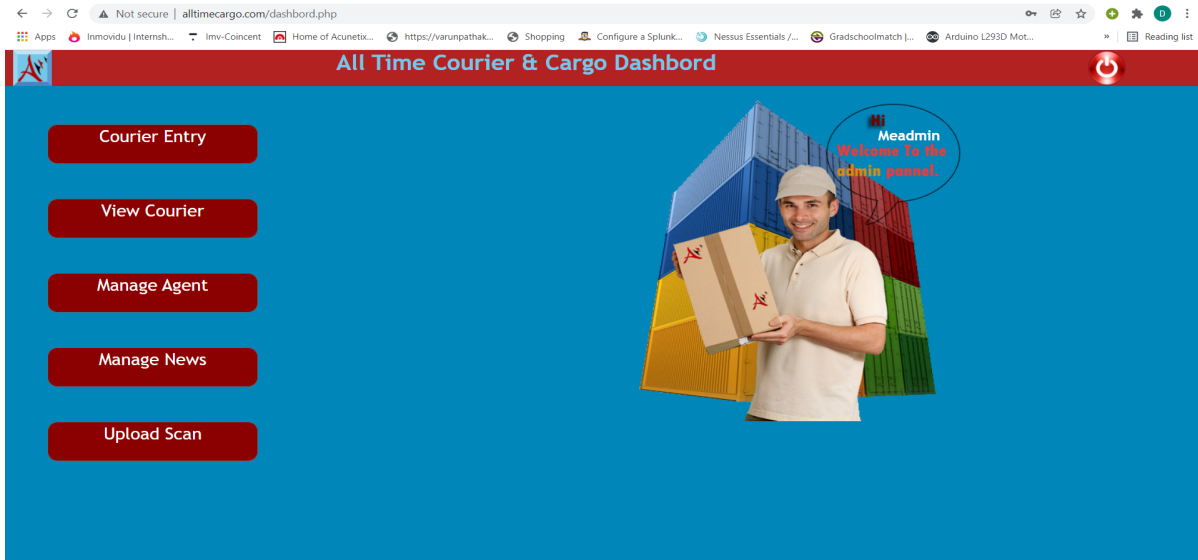
- The website from GHDB: <http://www.alltimecargo.com/login.php>



- Since we don't know either the username or password, we use SQL injection to get into the admin panel.
- We input Username = **abc' or '1' = '1** and Password = **abc' or '1' = '1** where **abc** is just a random string.



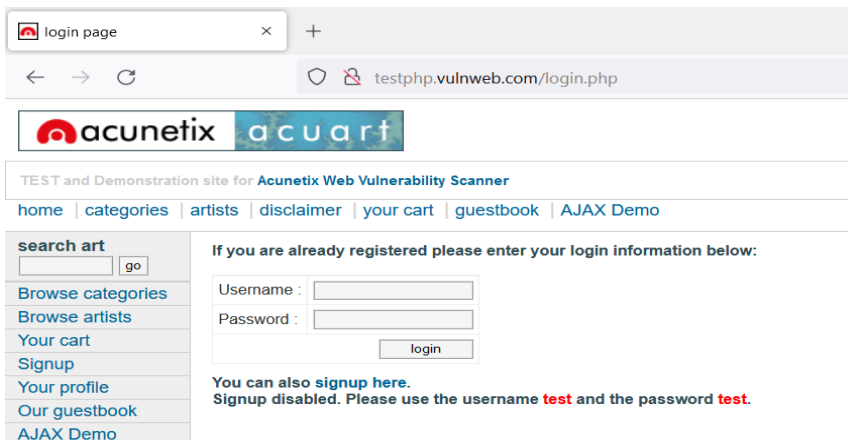
- Thus, it would successfully get us into the admin panel.



- **Reason:** The login credentials that are given by the users get inputted in the following SQL code : [select * from table name where Username = 'abc' or '1' = '1' and Password = 'abc' or '1' = '1'] Now since 1 is always equal to 1, in both the cases (Username and Password), the given credentials are correct no matter what string we give followed by an apostrophe(') as "or" function is used. Therefore, since both Username and Password are true, it gets successfully logged in and thus we can get into the admin panel manually!

1) b) Using Burp Suite and SQL injection:

- Website: <http://testphp.vulnweb.com/login.php>



- Here, we are going to use burp suite and SQL injection to get into the admin panel as well as to get the correct login credentials.
- Ensure that the browser (Firefox) proxy settings are configured correctly.
- Open the Burp Suite (Community edition) and ensure Proxy “Intercept” is ON.
- Now send a request to the server from the website by just clicking on the “login” button.

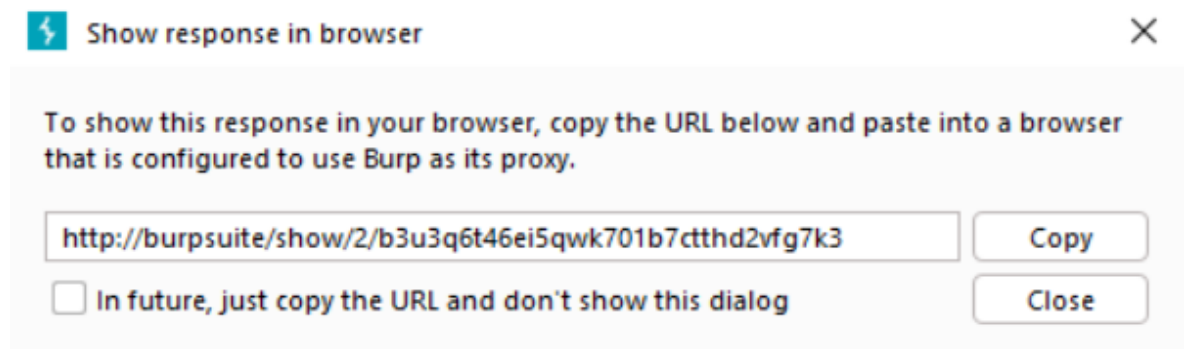


- The request will be captured in the Proxy “Intercept” tab.
- Right-click anywhere on the request and click “Send to Repeater” from the context menu.
- Then go to the “Repeater” tab.



- We then input **uname = abc' or '1' or '1** and **pass = abc' or '1' or '1** by SQL injection as we don't know the actual Username and password of this login page.
- Click "Send". This should make us view the Response.

```
Set-Cookie: login=test%2Ftest
Content-Length: 5000
```



- Copy the URL below and paste it into the browser that is configured to use Burp as its Proxy.
- Thus, we should be able to get into the admin panel.



TEST and Demonstration site for **Acunetix Web Vulnerability Scanner**

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[PHP scanner](#)

[PHP vuln help](#)

[Fractal Explorer](#)

(test)

On this page you can visualize or edit you user information.

Name:

Credit card number:

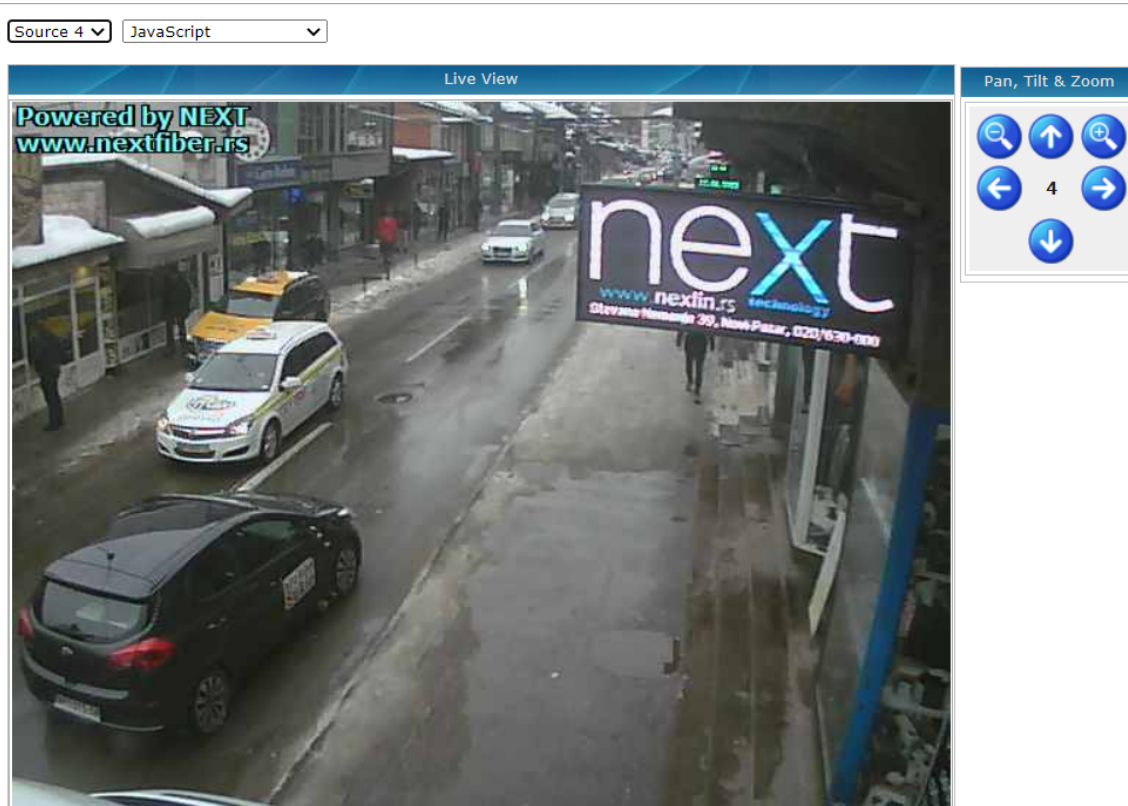
E-Mail:

Phone number:

Address:

2) Live Cameras: (Using [GHDB](#))

- Live Camera 1: <http://109.233.191.130:8080/>



Using [IP geolocation](#), I found out that this IP (109.233.191.130) belongs to:

- Country = **Serbia**
- City = **Belgrade**
- Latitude = **44.80701**
- Longitude = **20.38242**

- Live Camera 2: <http://122.116.41.8:8080/>



Using [IP geolocation](#), I found out that this IP (122.116.41.8) belongs to:

- Country = **Taiwan**
- City = **Taipei City**
- Latitude = **25.03293**
- Longitude = **121.56705**