vishwaCTF

CHALLENGE NAME: [PHANTOM PRESENCE]

DEV : [JAY RAJANKAR]

CATEGORY: [WEB

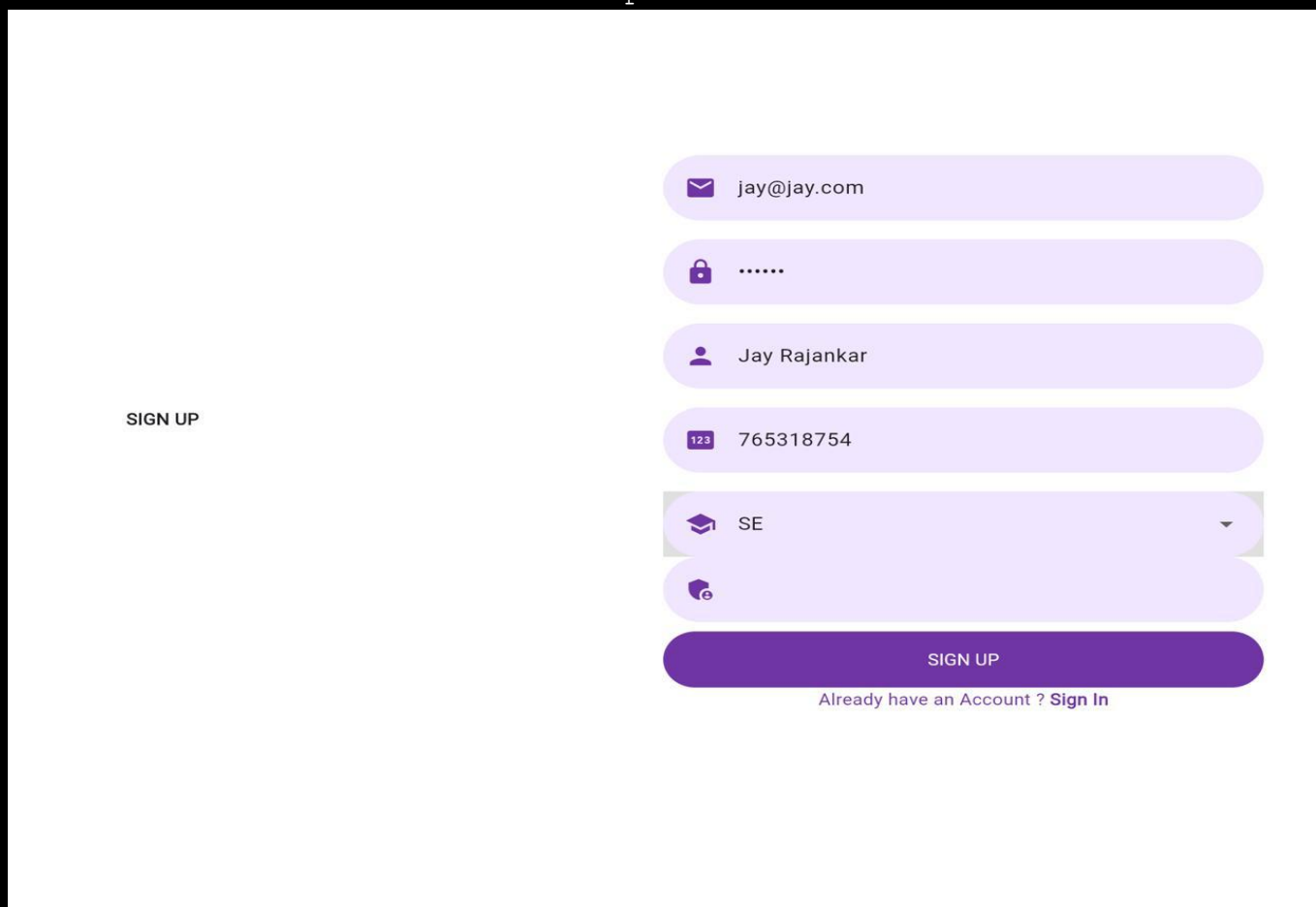EXPLOITATION]

LEVEL: [HARD]

2025

Challenge Description: You've been invited to a highly exclusive event, but fate has other plans. You can't attend, but your presence is still required—if you fail to mark your attendance, you'll face severe consequences.

Your challenge: find a way to mark your attendance before the event starts. Time is ticking, and the system isn't as transparent as you might think.
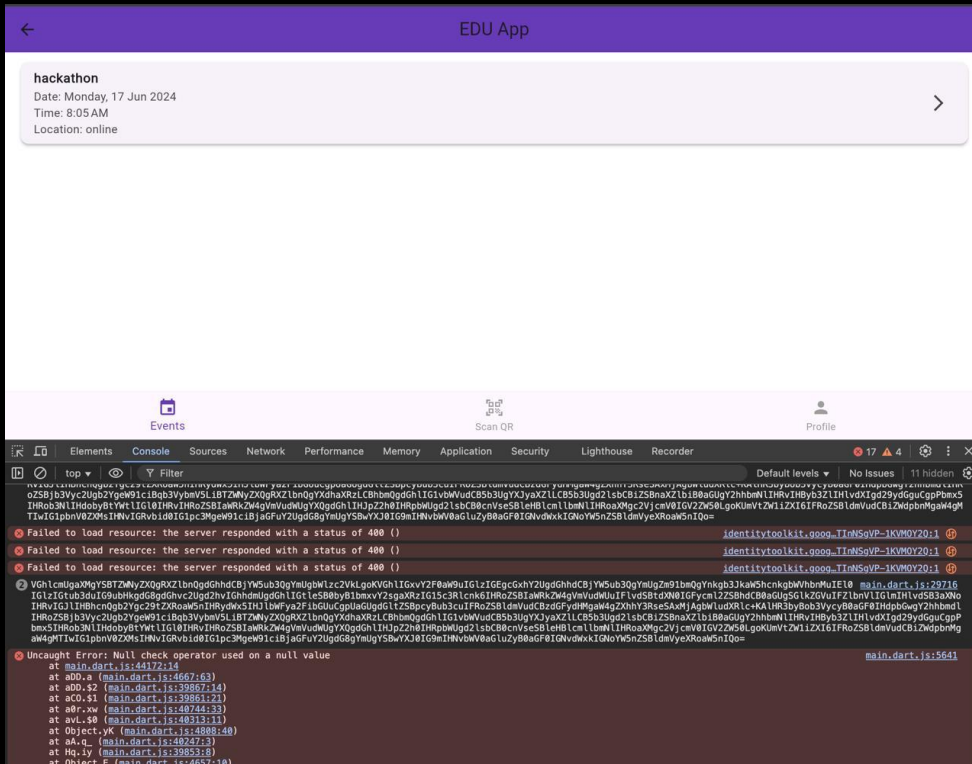
Solution:

1) Firstly we can observe that there are two pages , login and signup, as there are no credentials provided or hidden ,the solver has to signup .

When logged into the account we can observe three pages :events , Qr scanner to mark attendance and profile.
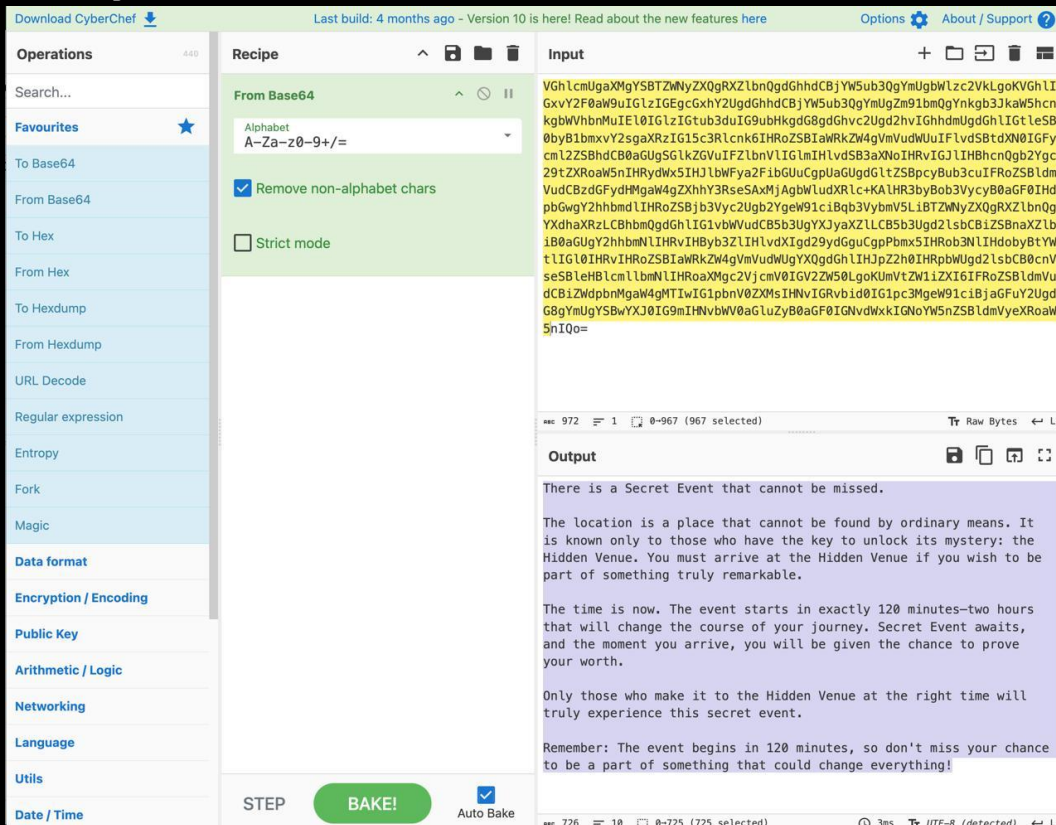
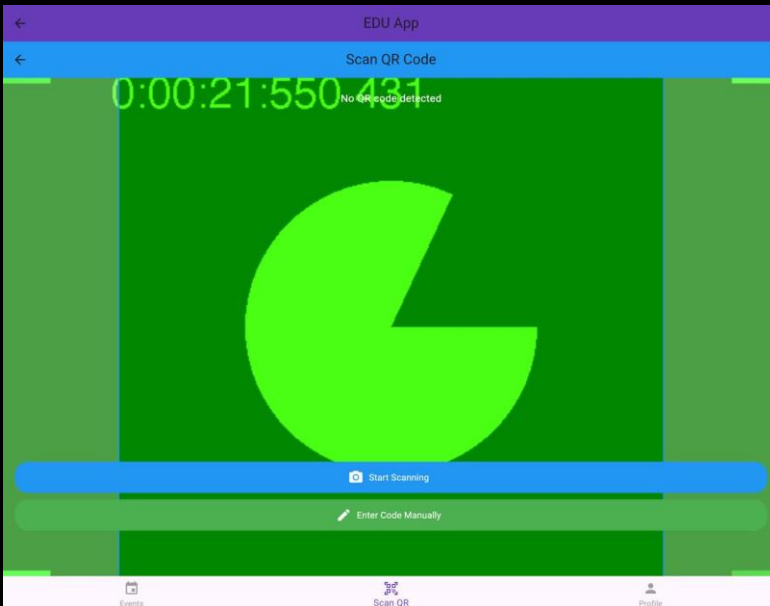When inspected the logs on console we can see a base 64 encoded string,

When decoded, it reveals a riddle . We can see there is focus on few words like Secret Event , Hidden Venue and the time.

We can see that this page is meant to take input as qr (or manually entering the code)

Back to landing page , intercept the network while creating the account. The values that are being stored are visible
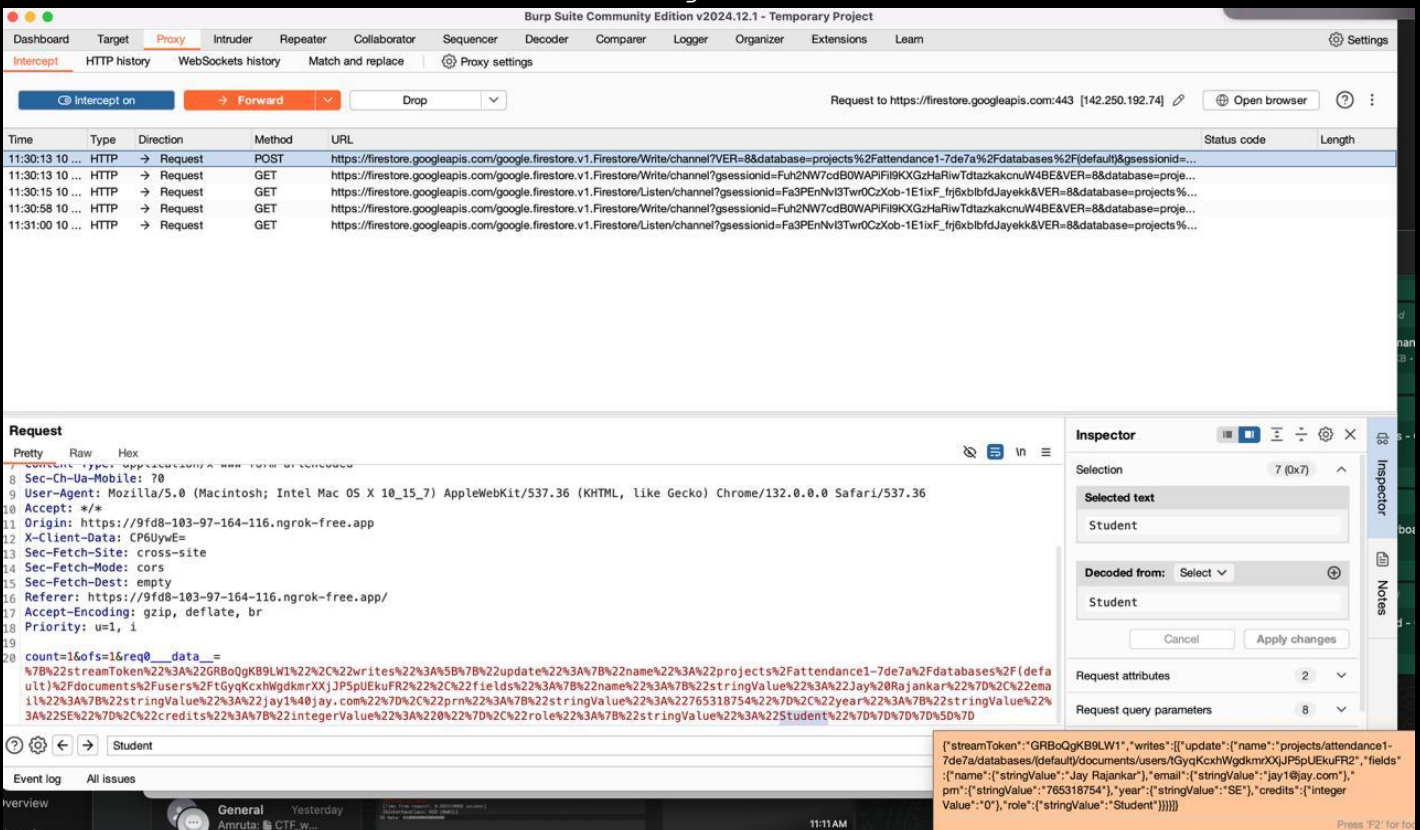
A field with value Role seems to be one that must me changed, When the value is tampered and changed to role

count=1&ofs=1&req0___data__=
%7B%22streamToken%22%3A%22GRBoQgKB9LW1%22%2C%22writes%22%3A%5B%7B%22update%22%3A%7B%22name%22%3A%22projects%2Fattendance1-7de7a%2Fdatabases%2F(defa
ult)%2Fdocuments%2Fusers%2Fm6tWBkeU4EORCsGKA46ee2NpBwB2%22%2C%22fields%22%3A%7B%22name%22%3A%7B%22stringValue%22%3A%22Jay%20Rajankar%22%7D%2C%22ema
il%22%3A%7B%22stringValue%22%3A%22jay2%40jay.com%22%7D%2C%22prn%22%3A%7B%22stringValue%22%3A22765318754%22%7D%2C%22year%22%3A%7B%22stringValue%22%
3A%22SE%22%7D%2C%22credits%22%3A%7B%22integerValue%22%3A%220%22%7D%2C%22role%22%3A%7B%22stringValue%22%3A%22admin%22%7D%7D%7D%7D%5D%7D

This gives the User access to the admin panel
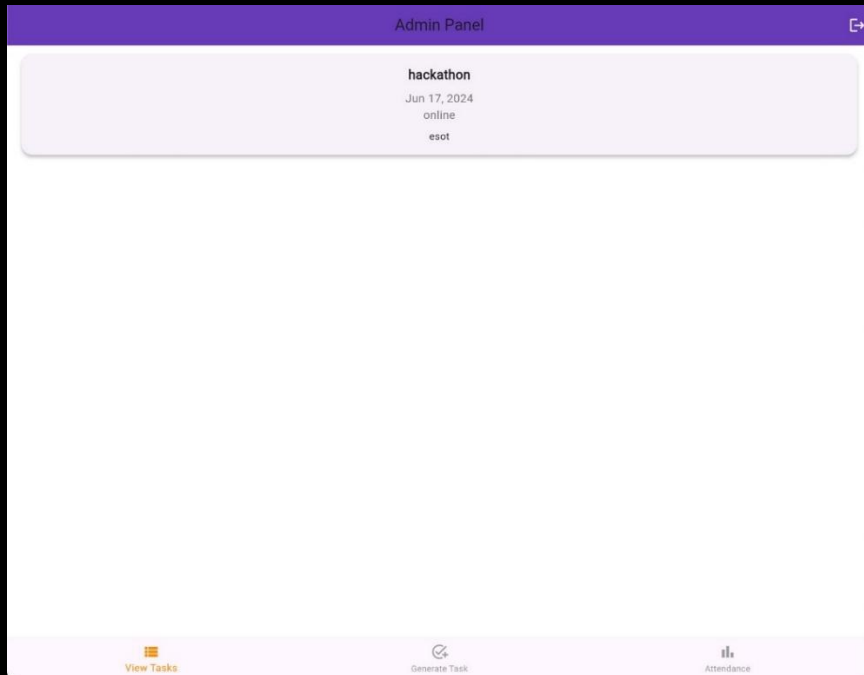
We can see Three pages over here View Task, Generate Task and Attendance.

On Generate Task Page we can see some field to be filled. The riddle has the answers to the details about task to be created. When entered the QR is generated.

If camera access is not available get the string that the qr represents
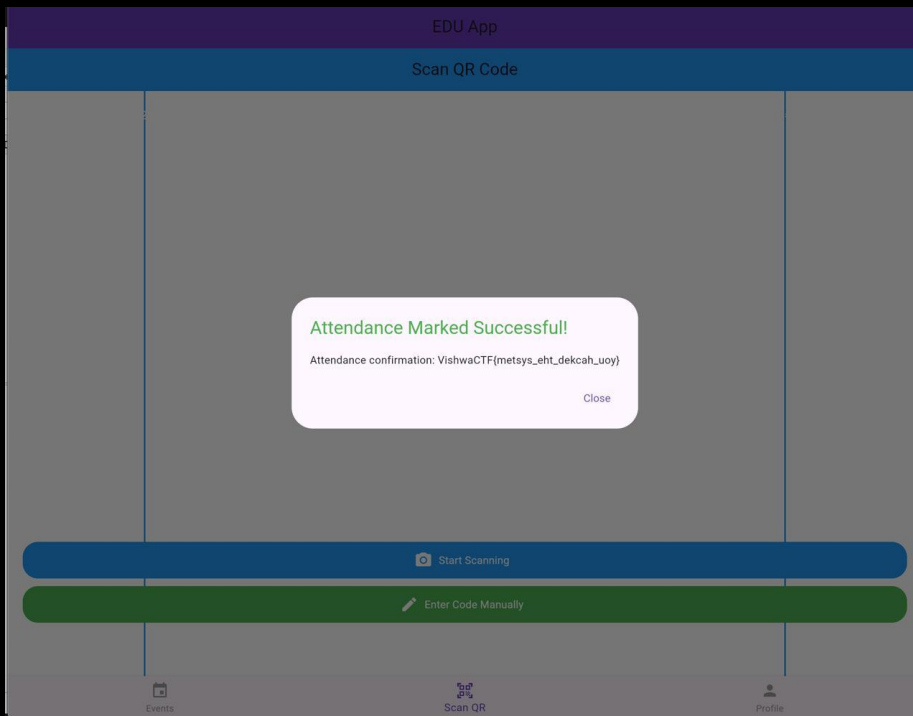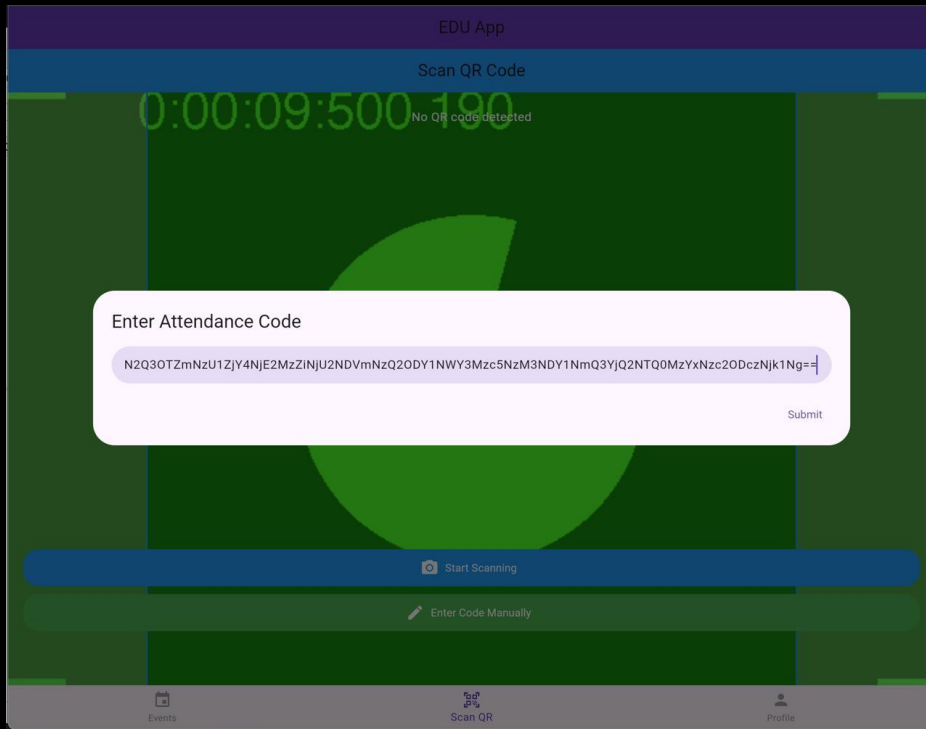
N2Q3OTZmNzU1ZjY4NjE2MzZiNjU2NDVmNzQ2ODY1NWY3Mzc5NzM3NDY1NmQ3YjQ2NTQ0MzYxNzc2ODczNjk1Ng==

Now on user side mark the attendance

EDU App

Scan QR Code

0:00:09:500 190   No QR code detected

Enter Attendance Code

N2Q3OTZmNzU1ZjY4NjE2MzZiNjU2NDVmNzQ2ODY1NWY3Mzc5NzM3NDY1NmQ3YjQ2NTQ0MzYxNzc2ODczNjk1Ng==

Submit

📷 Start Scanning

✏️ Enter Code Manually

📅 Events   🔳 Scan QR   👤 Profile

EDU App

Scan QR Code

Attendance Marked Successful!

Attendance confirmation: VishwaCTF{metsys_eht_dekcah_uoy}

Close

📷 Start Scanning

✏️ Enter Code Manually

📅 Events   🔳 Scan QR   👤 Profile

Flag: VishwaCTF{metsys_eht_dekcah_uoy}