

Assignment on Web Security

Full Marks : 20

[This Assignment is in replacement of Class Test 2. No CSE405 CT will be held on the scheduled 18 July date.]

Complete the following three assignments of Seed labs:

1. Cross-site Request Forgery (7 marks): **[Upto Task 4]**
https://seedsecuritylabs.org/Labs_20.04/Web/Web_CSRF_Elgg/
2. Cross-site scripting (6 marks): **[Upto Task 5]**
https://seedsecuritylabs.org/Labs_20.04/Web/Web_XSS_Elgg/
3. SQL Injection (7 marks):
https://seedsecuritylabs.org/Labs_20.04/Web/Web_SQL_Injection/

For each task, you need to prepare a *video demonstration (13 - 15 minutes)* demonstrating and explaining your solution for each task. You will need to address

- The theory/workflow of the attack in brief (2-3 minutes)
- Demonstrate each task
- Explain the solution for each task and how it works

Finally, you will have 3 video links, again each video would be of 13-15 minutes length.

Now, upload your videos in Google Drive and get a shareable link (which can be viewed by anyone) for each of the three videos. Put the three links in a text file, rename the text file by your 7 digit roll number and submit it to Moodle (e.g. 1705123.txt). The contents of the text file should be like the following:

1. CSRF Assignment: <Link>
2. XSS Assignment: <Link>
3. SQL injection Assignment: <Link>

Please do not share your assignment with others. Also, you must be the speaker of the video and also the solution must be written by you. If it is proven otherwise, you will get -100% marks.

Submission Deadline : Friday, 22 July 2022 at 11:55 PM.