**Software and Mobile Devices Security**

Project Description

The objective of the project is to practice a complete penetration testing task, by finding bugs/security flaws in a web application and writing a standard-format report for your findings.

The web application that we will be testing can be found in this link:

[https://owasp.org/www-project-juice-shop/](https://owasp.org/www-project-juice-shop/?fbclid=IwAR2_utwU1JFz1yOwnonVvacLR2wrzAqPjXyIVvzANAet_dLOYHQqoKjUNZg)

**You need to download the application from GitHub**

<https://github.com/juice-shop/juice-shop>

**The online version for a demonstration only, DON’T use the online version to submit your answers, you should work on your own local version.**

<https://juice-shop.herokuapp.com/#/>

**Read The following instructions carefully:**

* You may work in teams of between 2-3 students (EXACTLY), no solo teams will be allowed.
* To register your team please fill this form before 1.12.2024:

<https://forms.gle/pvFCsCczLqUKpQw86>

* Each team submits one unified report in the end.
* The report template is on CMS. This is the only acceptable template
* Each student is responsible for successfully finding 10 unique bugs. Finding a bug means providing a practical demonstration of its existence (similar to what we do in the labs).
* All the bugs chosen by the students in a single team must be unique. This means that team members have to coordinate their work so they do not duplicate the bugs they are targeting.
* For each student, the 10 bugs that they will undertake must have the following mix: 5 bugs server side, 5 bugs client side, max 3 bugs from a single attack category (for example: max 3 bugs SQL injection, max 3 bugs XSS, etc.).
* For submission, each one of the team should attach to a drive a screen recorded short video with your camera turned on to show your face while you are providing a detailed description of each meaningful vulnerability recorded in your report.
* One of the team members should submit the project on behalf of the whole team by uploading a drive link that contains the videos of each team member as well as the Pen Test Report of the whole team to the following submission link: <https://forms.gle/UcEGa78z3uoPADnn7>
* There are no milestones, just **a deadline which will be 12.12.2024 at 11.59 PM.**