**Lab 7: Access control vulnerabilities - Privilege escalation**

**Objective**:

* This lab aims to assess knowledge of security best practices and measures that can be adopted to mitigate the risk of privilege escalation.

In this lab, students need to:

* Answer the following questions:
  + In the context of privilege escalation, what is the difference between vertical and horizontal privilege escalation, and can you give an example of each?
  + What are some effective strategies or practices that can be implemented to prevent privilege escalation vulnerabilities in a system?
* Perform challenge:
  + [User ID controlled by request parameter](https://portswigger.net/web-security/access-control/lab-user-id-controlled-by-request-parameter)
* Explain and capture all steps (full windows screen capture).

Submit a report addressing all the questions mentioned above in either **PDF** or **Markdown** format. Additionally, include a **video** demonstrating the detailed process of your work to ensure the authenticity of your lab exercise.

The report file name must be **Class\_YourStudentID \_YourName\_Lab7**