**Practical 2B**

**Secure Coding Fundamentals - Client Side**

**Objectives:**

After completing this practical, you should be able to:

##### Bypass front-end restrictions

* HTML Tampering
* Client Side Filtering

1. **Webgoat Exercises**

Complete Client Side Exercises:

1) Bypass Front-End Restrictions

Complete exercises 1-3

Graphical user interface, text, application

Description automatically generated

Exercise 2 focuses on altering values with burp proxy tool.

Exercise 3 focuses on circumventing frontend Validation with burp proxy

Graphical user interface, text, application, email

Description automatically generated

2) Client-Side Filtering

Complete exercise 1-3

Exercise 2 focuses on using google developer tool/mozilla firebug to find the   
 CEO’s information in client side

Graphical user interface, text, application

Description automatically generated

Exercise 3 focuses on examining data packets to and from server with burp   
 proxy

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application

Description automatically generated

2) HTML Tampering

Complete exercise 1-2

Exercise 2 focuses on modifying request’s parameter to server

1. Mimosa

**Mimosa is an intentionally vulnerable online web application maintained by SP.**

Complete the newly released mimosa challenges on client side tampering

**\*\*You are strongly encouraged to attempt the questions and document the steps on how you solve the challenges.**

**Your Tutor may require you to submit as part of your progress monitoring or General Performance**.

Doodle drive:

Graphical user interface, text, email

Description automatically generated

* Changed the url name to adelena

Text

Description automatically generated

Graphical user interface, application

Description automatically generated

Helloworld:

Graphical user interface, text, application

Description automatically generated

Nuclear winter:

Graphical user interface, application

Description automatically generated

Send incorrect password to burpsuite to intercept, forward back password that exceeds 6 char limit, actual code will show, forward back actual code.

Faster than Light:

Graphical user interface, application

Description automatically generated

Ctrl + u to see script code

Password in comment

Text, letter

Description automatically generated

Poison Apple:

Graphical user interface, application, Teams

Description automatically generated

Look at ajax

Graphical user interface, text, application

Description automatically generated

Modify ajax

A screenshot of a computer

Description automatically generated

Send back modified ajax in console

Graphical user interface, application

Description automatically generated