Course Name: Secure Programming

Assignments #2: Client State Manipulation, and Session Management

Name: Matric Number: Section:

- Continue Assignment#1 to develop a for example pizza delivery website in which a user places an order for a pizza from a website.
- Make sure that the website is secure against
 - Client-State Manipulation.
 - Session Hijacking Attacks
 - Spoofing Authentication Cookies Attacks
 - Session Fixation Attacks
- Test your session to ensure you have a countermeasure in securing the session attack. Use the lab 'Hijack a Session' to check your session vulnerabilities. Report your findings.
- Write a report containing the list of the countermeasures you made to secure this website against the aforementioned threats.
- List the potential vulnerabilities in this designed page that need to be addressed in the future.
- Take screenshots of the system and code (link to github) as evidence.
- Submission will be by 18 May 2024, 11.59PM

^{*}Pizza Delivery Website is an example. You can choose any type of domain that you would like to develop for instance, car booking system, parking system, etc.