<u>Web Application Security Testing</u>

Task 1 (20 Marks): List down all the URLs/Locations that can be accessed without authentication.

Task 2 (80 Marks): Investigate all the alerts generated, discuss the vulnerabilities found, and recommend actions to plug in those vulnerabilities. The number of generated alerts depends on the web app, so please provide proof of how many alerts are generated for your case. There may be multiple sub-alerts for an alert; for example, for SQL Injection, you can get multiple examples/URLs for that alert. Please take at least one use case/example for each type of alert generated. Avoid using general statements. For example, instead of stating that the web app is vulnerable to SQL Injection, give appropriate examples/explanations. Rather than saying that the cookie is vulnerable, you can mention that the cookie is vulnerable because it has not been set to HttpOnly and then discuss various settings for cookies and how they impact or how they can be set properly to enhance security.