

Answer to Exercise 1

- Spoofing Identity: Can an attacker use a stolen device to authenticate to the system using the victims credential?
- Tampering with Data: Can an attacker use an injection attack in the mobile app to modify the local storage?
- Repudiation: Can a user of a mobile app modify the data in the server's data base without a trace/log?
- Information Disclosure: Can an attacker eavesdrop the communication between the server and the mobile app?
- Denial of Service: Can users crash the server by uploading large amounts of data using the mobile app?
- Elevation of Privilege: How are users authenticated, i.e., is a non-authenticated user able to circumvent the authentication mechanism?