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| **TEK304- Assignment 01** |

**Main Objectives**

The main objectives of this exercise is to explore the main characteristics and security in mobile applications.

**Description of the Assignment**

1. How is mobile application development unique in terms of the following restrictions? Explain each.
   1. Hardware restrictions.
   2. Development environments.
2. Discuss the four types of attack surfaces in the context of mobile application security.
3. Communication
4. Mobility
5. Distribution markets
6. Input sources
7. Explain why the following are problem factors for mobile security?
8. Underdeveloped Security Awareness
9. Ever-changing Attack Surfaces
10. Economic and Time Constraints
11. Custom Development
12. Explain the following OWASP mobile security tools
13. Damn Vulnerable iOS

<https://www.owasp.org/index.php/OWASP_DVIA>

1. MobiSec

[https://www.owasp.org/index.php/Projects/OWASP\_Mobile\_Security\_Project\_–\_MobiSec](https://www.owasp.org/index.php/Projects/OWASP_Mobile_Security_Project_%E2%80%93_MobiSec)

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<https://www.owasp.org/index.php/Projects/OWASP_Androick_Project>