

# Mobile Security Package Gist

21pc08, 21pc07, 21pc33

## Objective:

The goal is to find a total of 8 secrets which consists of 5 flags and 3 vulnerabilities embedded in the deliberately vulnerable To-Do List Application.

## Link:

[https://drive.google.com/file/d/1p\\_iF1bjAWFnQVDu3wBjhij-OF3vRlv\\_s](https://drive.google.com/file/d/1p_iF1bjAWFnQVDu3wBjhij-OF3vRlv_s)

## Clues:

### 1) **Hardcoded Credentials:**

A key hidden in plain sight, yet dangerous if seen. Seek constants that should remain unseen.

### 2) **Open Activity Without Login:**

A door left unlocked can be opened by anyone. Find the path that bypasses authentication.

### 3) **Open WebView:**

A window to the web, but what if the curtains are missing? Look for **WebView** with too much freedom.

### 4) **SQL Injection:**

When inputs become commands, your database obeys. Search for **execSQL()** or **raw queries**.

### 5) **Shared Preferences:**

Stored, but not secure. Look for **MODE\_PRIVATE** and think twice.

### 6) **Hardcoded String:**

Secrets written in stone for all to see. What's hardcoded can be extracted.

### 7) **Hardcoded Flag:**

A treasure map left in the open. The prize is yours if you read carefully.

### 8) **Crypto Flag:**

Encryption is strong, but not if the secret is known. What's the salt?