

Practical Skills Assessment Brief: Mobile Application Development

Module Details

Module: Mobile Applications (UFCF7H-15-3)

Assessment Type: Practical Skills Assessment

Assessment Component: Individual Mobile App Development

Total Marks: 100

Weighting: 75%

Group Work: No

Final Assessment: No

Learning Outcomes Assessed:

- MO1: Analyse and critically evaluate mobile platform technologies
- MO2: Interpret user expectations and apply these in the context of mobile applications
- MO3: Design, develop, test, and document a working application for a mobile device
- MO4: Consider current and emerging trends and licensing frameworks

Overview

This assessment challenges you to design and develop your own original mobile application. The app does not need to be connected to an external API and can be built using any tools or frameworks appropriate for mobile platforms (e.g., React Native, Kotlin, Swift, Flutter).

Purpose

- Apply practical skills and theory in building a real-world mobile application
- Demonstrate knowledge of mobile design principles, UX considerations, and mobile technologies
- Reflect on current trends and security considerations in your app
- Showcase your independent software development capabilities

What You Need to Submit

1. Mobile Application

- Fully working mobile app (Android and/or iOS build or APK)
- It must demonstrate several functional features, not just UI mockups

2. Codebase

- Zip file or GitHub repository link
- Should include clear README instructions for setup/run

Tips for Choosing a Project

You can build any type of application as long as it:

- Involves user interaction (forms, navigation, inputs)
- Demonstrates at least 3-5 key features
- Is structured, documented, and tested using clear practices

Examples:

- A fitness tracking app
- A budget planner
- A habit tracker
- A personal notes or journaling app
- A wellness or mindfulness app

Suggested References

Use this starter template to begin your project:

<https://github.com/Yasir5247/villa-module-expo-starter>