Test Plan

Google Tasks (To-Do List) Mobile Application

1.Introduction

This Test Plan describes the testing approach, scope, resources, and schedule for testing the Google Tasks (To-Do List) mobile application.
The purpose of this plan is to ensure that the core task management functionalities work correctly and meet the defined requirements.

2.Test Objectives

The main objectives of testing are to:

- Verify that users can create, edit, complete, and delete tasks successfully

- Validate the application's usability and stability

- Ensure the application behaves correctly under normal usage

- Support both manual testing and mobile automation testing using Appium

3.Test Scope

3.1 In Scope

The following features will be tested:

- Application launch

- Create a new task

- Edit an existing task

- Mark a task as completed

- Delete a task

- Display and update task list

3.2 Out of Scope

The following features are excluded from testing:

- Task reminders and notifications

- Task synchronization across devices

- Task sharing and collaboration

- Advanced filters and sorting

4. Test Approach

4.1 Testing Types

The following testing types will be performed:

- Manual Functional Testing

- UI Testing

- Usability Testing

- Mobile Automation Testing using Appium

4.2 Test Levels

- System Testing

5.Test Environment

Platform: Android

Devices:

- Android Emulator

- Real Android Device

Tools:

- Android Studio

- Appium

- Appium Inspector

- Java with TestNG (for automation)

6. Test Deliverables

The following documents and artifacts will be produced:

- Test Plan

- Test Scenarios

- Test Cases

- Traceability Matrix (RTM)

- Test Execution Results

- Defect Report (if applicable)

- Automation Scripts

- Screenshots and Logs

7. Test Schedule

Activity	Estimation Time
Test planning and review	day 1
Manual test case execution	day 2
Automation testing and reporting	day 3