
Group 07

**Cadger
Test Plan**

Version 1.0

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<Iteration/ Master> Test Plan	Date: 6/1/2023
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Revision History

Date	Version	Description	Author
6/1/2023	1.0		Group 07

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Test Plan

1. Introduction

1.1 Purpose

This Test Plan document provides a central artifact to govern the planning and control of the test effort. It lists out all hardware, software and other utility tools that will be employed to test the software and defines responsibilities to each member in the test process. This document also helps provide visibility to stakeholders in the testing effort that adequate consideration has been given to various aspects of governing the testing effort.

2. Target Test Items

- Post an item for lending
- Borrower borrows an item
- Borrower returns a item
- Lend an item
- Suspend an account
- Report an account

3. Environmental Needs

3.1 Hardware Requirements

- Android Phone
- PC to host server and database

3.2 Software in the Test Environment

The following base software elements are required in the test environment for this *Test Plan*.

Software Name	Purpose	Version	Type and Other Notes
Android Studio	Emulate all screens of this project	2021.3	Emulator
Gmail	Perform email verification	6.0.22127	E-Mail
Windows 11, 64 bit	Operating System	22H2	Operating system

3.3 Productivity and Support Tools

The following tools will be employed to support the test process for this *Test Plan*.

Tool Category or Type	Tool Brand Name	Vendor or In-house	Version
Defect Tracking	MS Excel 2010	MS	2010
Communication	Discord	Discord Inc.	0.0.309

4. Responsibilities, Staffing, and Training Needs

4.1 People and Roles

This table shows the staffing assumptions for the test effort.

Human Resources		
Role	Minimum Resources Recommended (number of full-time roles allocated)	Specific Responsibilities or Comments

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Human Resources		
Role	Minimum Resources Recommended (number of full-time roles allocated)	Specific Responsibilities or Comments
Test Manager	1	Provides management oversight. Responsibilities include: <ul style="list-style-type: none"> • planning and logistics • present management reporting • advocate the interests of test • document incidents
Tester	1	Implements and executes the tests. Responsibilities include: <ul style="list-style-type: none"> • implement tests and test suites • execute test suites • log results • analyze and recover from test failures