**Moneytor**

Test Plan

Version 1.0

Revision History

| **Date** | **Version** | **Description** | **Author** |
| --- | --- | --- | --- |
| 24/12/2021 | 1.0 | Initial version - Planning for testing 5 main features | Team |
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|  |  |  |  |
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Table of Contents

1. Introduction 4

1.1 Purpose 4

2. Target Test Items 4

3. Environmental Needs 4

3.1 Hardware Requirements 4

3.2 Software in the Test Environment 4

3.3 Productivity and Support Tools 4

4. Responsibilities, Staffing, and Training Needs 4

4.1 People and Roles 4

**Test Plan**

# Introduction

## Purpose

This Test Plan document describes the plan for testing the Moneytor Android application. This Test Plan supports the following objectives:

* Identify existing project information and software components, features should be tested
* List recommended test requirements
* List the deliverable elements of the test activities

# Target Test Items

We plan for testing 5 main features of MoneyTor:

* List all spending notes in areas of function, usability, security.
* Add a spending note in areas of function, usability, security.
* Add a goal spending in areas of function, usability.
* Add a debt/lend in areas of function, usability, security.
* Add contacts in areas of function, usability.

# Environmental Needs

This section presents the non-human resources required for this Test Plan

## Hardware Requirements

| **Hardware Name** | **Properties** | **Type and Other Notes** |
| --- | --- | --- |
| Samsung A02s | Ram: 4GB, Rom: 64GB  Screen: 6.5 inch | Physical smartphone |
| Samsung A50s | Ram: 4GB, Rom: 64GB  Screen: 6.4 inch | Physical smartphone |
| Google Pixel 4 | Ram: 6GB, Rom: 64GB  Screen: 5.7 inch | Virtual device |
| Google Pixel | Ram: 6GB, Rom: 64GB  Screen: 5.7 inch | Virtual device |
| Samsung J7 Prime | Ram: 3GB, Rom: 32GB Screen: 5.5 inch | Physical smartphone |
| Xiaomi redmi note 7 | Ram: 4GB, Rom: 64GB  Screen: 6.3 inch  Full HD+ (1080 x 2340 Pixels) | Physical smartphone |
| Samsung A20s | RAM: 3GB, ROM: 32GB, Screen: 6.5in (77.5mm x 163.3mm) | Physical smartphone |

## 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 | Adapt with the test app, a popular operating system for mobile devices. | 8.1 | Operating System |
| 10 |
| 11 |
| 9 |
| 7.1.1 |

## 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** |
| --- | --- | --- | --- |
| Online word editor (using for test plan document) | Google Docs | Google |  |
| Online sheet editor (using for test design) | Google Sheets | Google |  |
| Automation testing software tool | Katalon Studio | Katalon | 8.2 |

# Responsibilities, Staffing, and Training Needs

## 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** |
| Test Manager | Minh Uyên | Provides management oversight.  Responsibilities include:   * planning and logistics * agree mission * identify motivators * acquire appropriate resources * present management reporting * advocate the interests of test * evaluate effectiveness of test effort |
| Tester | Tiến Thành  Công Bình  Duy Hoàng  Trung Hiếu  Minh Uyên | Implements and executes the tests.  Responsibilities include:   * design tests and test suites * execute test suites * log results * analyze and recover from test failures * document incidents |