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**Passkeeper  
Master Test Plan**

**Version 1.0**

Passkeeper	Version: 1.0
Master Test Plan	Date: 20/12/2021
Test Plan 1.0	

## Revision History

Date	Version	Description	Author
20/12/2021	1.0	Phiên bản đầu tiên của tài liệu	Nguyễn Lê Bảo Thi (Primary) Lê Duy Thức Trần Anh Huy Nguyễn Minh Thuận Trần Duy Tiến

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# Master Test Plan

## 1. Introduction

### 1.1 Purpose

This document describes the plan for testing the Passkeeper application. The objectives of the document are:

- List the components of the application that need to be tested.
- Identify the environment, tools and resources required for testing.
- Define roles and responsibilities of project members during testing.

## 2. Target Test Items

### Features:

1. Login
2. Sign up
3. Forget password
4. List record
5. View record
6. Edit record
7. Password generator
8. Group

### Test technique:

1. Functional testing
2. Usability testing

## 3. Environmental Needs

### 3.1 Hardware Requirements

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

Requirement	Minimum Specification
Processor	64-bit Quad core 1.4GHz
RAM	2 GB
Internal memory	16 GB
Display resolution	720 x 1280 pixels
OS version	Android Oreo 8.0

### 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	Run and Debug Application	4.0+	IDE
Android Operating System	Operating System	8.0+	Operating System
Google Gmail	Send Verification code testing	5.0+	eMail Client software

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### 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	Google Sheets	Google	2021
Test Plan and Report Writing	Google Docs	Google	2021
Automation Testing	Katalon Studio	Katalon	8.0.0

## 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
Test Manager	1 Nguyễn Lê Bảo Thi	Provides management oversight. Responsibilities include: <ul style="list-style-type: none"> <li>• Planning and logistics</li> <li>• Agree mission</li> <li>• Identify motivators</li> <li>• Acquire appropriate resources</li> <li>• Present management reporting</li> <li>• Advocate the interests of test</li> <li>• Evaluate effectiveness of test effort</li> </ul>
Tester	5 Lê Duy Thức Trần Anh Huy Nguyễn Lê Bảo Thi Nguyễn Minh Thuận Trần Duy Tiến	Implements and executes the tests. Responsibilities include: <ul style="list-style-type: none"> <li>• Implement tests and test suites</li> <li>• Execute test suites</li> <li>• Log results</li> <li>• Analyze and recover from test failures</li> <li>• Document incidents</li> </ul>