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**DevJam**

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**Connect Me  
Master Test Plan**

**Version 1.0**

ConnectMe	Version: 1.0
Master Test Plan	Date: 29/08/2023

## Revision History

Date	Version	Description	Author
29/08/2023	1.0	Preliminary version	DevJam

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# Master Test Plan

## 1. Introduction

### 1.1 Purpose

#### - Objectives:

This document helps to point out the strategy to verify and ensure that the product meets its requirements.

#### - About:

- Identify target test items and testing techniques
- Determine the hardware and software requirements for testing
- Identify productivity and support tools
- Identify the roles and responsibilities of each member

#### - Users:

- Stakeholders
- Quality Assurance managers

#### - Key features:

- Test strategy
- Help the testing team communicate and control testing parts

## 2. Target Test Items

- Sign up: usability testing, functional testing
- Log in: usability testing, security testing, functional testing
- Search: usability testing, functional testing
- Filter: usability testing, functional testing
- Create post: usability testing, functional testing

## 3. Environmental Needs

### 3.1 Hardware Requirements

A 64-bit operating system like Windows 10 or later (or other OS like MacOS, ..)

- Up-to-date Chrome
- 8 GB of RAM or more.
- 1280x1024 display resolution.

### 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
Google Chrome	Execute application	116.0.5845.110	Internet Browser
Windows 11, 64 bit	Test client and server application	22H2	Operating System
Mac OS 13 Ventura	Test client and server application	13.5.1	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	Google Docs	Google	2023

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## 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	Duc Thien Huynh	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	An Dang Dao Duong, Dat Nguyen Minh, Anh Thu Le	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>
Test System Administrator	Anh Thu Le	Ensures the test environment and assets are managed and maintained. Responsibilities include: <ul style="list-style-type: none"> <li>administer test management system</li> <li>install and support access to, and recovery of, test environment configurations and test labs</li> </ul>