
Group 01

**KoolB
Master Test Plan**

Version 1.0

KoolB	Version: 1.0
Master Test Plan	Date: 08/01/2022
Initial Release – Prototype Test Plan	

Revision History

Date	Version	Description	Author
08/01/2022	1.0	Initial Release – Prototype Test Plan	Le Pham Nhat Quynh

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Master Test Plan

1. Introduction

1.1 Purpose

The goal of the Master Test Plan is to gather all the data required for organizing and managing the testing effort throughout the whole development process. It provides an overview of the methodology for software testing and is the high-level strategy created and utilized by managers to guide the test effort.

This *Test Plan* document for the KoolB supports the following objectives:

- Performance testing of general user journey operation, system operation performance and database connection on varied devices and platforms.
- List the recommended test requirements.
- Recommend and describe the testing strategies to be employed.
- Identify the required resources and provide an estimate of the test efforts.
- List the deliverable elements of the test activities.
- Intended audience: Project Manager, Project Developer, Testing Team (Tester, Test System Administrator, Test Designer, Test Manager)

This *Test plan* includes Target Test Items at Section 2; Software, Hardware Environment Requirement and Supporting Tools at Section 3, and Overview of Human resources for Testing process at Section 4.

2. Target Test Items

- Create accommodation
 - + Performance: image quality, processing time
 - + Feature usability: Post room, configure information, uploading image
- Search engine
 - + Performance: compatibility of result, processing time,
 - + Feature usability: configure information, sorting, filtering
- Booking
 - + Performance: processing speed, syncing operation
 - + Feature usability: pop-up chat notification, updating reservation list
- Chat
 - + Performance: message sending and receiving speed
 - + Feature usability: create new chat, sending image.

3. Environmental Needs

3.1 Hardware Requirements

Hardware Name	Purpose	Version	Type and Other Notes
Samsung Galaxy S9	Performance on android mobile environment.		Android Device
Iphone XS Max	Performance on iOS mobile environment		iOS Device
Thinkpad T14 Gen 3 2022	Performance on Window.		Window OS Device
Macbook Pro 2022	Performance on MacOS.		MacOS Device

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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
Chrome	Performance on website		Internet Browser
iOS 16	Performance on iOS mobile Application		Operating System
Windows 10, 64 bit	Performance on Window Desktop Application		Operating System
Mac OS Monterey 12.6	Performance on MacOS Desktop Application		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

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	Le Pham Nhat Quynh	Provides management oversight Responsibilities: <ul style="list-style-type: none"> • Provide technical direction • Acquire appropriate resources • Management reporting

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Human Resources		
Role	Minimum Resources Recommended (number of full-time roles allocated)	Specific Responsibilities or Comments
Tester	Bui Le Gia Cat Truong Thuy Tuong Vy	Executes the tests Responsibilities: <ul style="list-style-type: none"> • Execute tests • Log results • Recover from errors • Document defects
Test System Administrator	Nguyen Ha Ngoc Linh Le Gia Khanh	Ensures the test environment and assets are managed and maintained. Responsibilities include: <ul style="list-style-type: none"> • administer test management system • install and support access to, and recovery of, test environment configurations and test labs
Test Designer	Truong Thuy Tuong Vy	Identifies, prioritizes, and implements test cases Responsibilities: <ul style="list-style-type: none"> • Generate test plan • Generate Test Suite • Evaluate effectiveness of test effort