**<Re:Book>**

<Iteration/ Master> Test Plan

Version <1.0>

Revision History

| **Date** | **Version** | **Description** | **Author** |
| --- | --- | --- | --- |
| <25/12/2021> | <1.0> |  | <Dinh Dinh, Khoi Quach, Ngan Nguyen, Thu Nguyen, My Le> |
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**<Iteration/ Master> Test Plan**

# Introduction

## Purpose

* Assist others outside the test team in understanding the detail of testing Re:Book, such as developers, business managers, and customers.
* Test Plan guides team members the steps and features of the testing process.
* To identify the specific system pieces that must be evaluated, including hardware and software.

# Target Test Items

[test case](https://docs.google.com/spreadsheets/d/189WekS5ZuNg_ttYYqEpDlq1FOEL_IHON/edit?usp=sharing&ouid=115948058476577275667&rtpof=true&sd=true)

| **ID** | **Feature Name** | **Description** | **Remark** | **Areas to test** |
| --- | --- | --- | --- | --- |
| A01 | Login | Have the ability to log in by social accounts like: Facebook, Google or by existing account name and password. |  | usability, security |
| A02 | Register | Register for the first time login by username and password. |  | usability |
| A03 | Review book | Write review for a book in the comment section | After Login | usability |
| A04 | Create books | When you cannot find a book on website, you can create it for everyone to review | After Login | usability |
| A05 | Edit Book | Change the information of your published book, delete book | After Login | usability |
| A06 | My book list | Choose some books to add in the user’s favorite list for later review, remove a book from user’s favorite list | After Login | usability |
| A07 | Collect trees | User can exchange the trees they grew for the new favorite trees | After Login | usability |
| A08 | Edit profile | Edit and update the user’s information, Upload image from local folder to set avatar | After Login | usability |
| A09 | Recommended list | Random from favorite categories or authors, create a new recommended list for a certain user based on their chosen category and their books in the Recommended List. | After Login | usability |
| A10 | Receive notifications through email | Notifications about recommended books everyday through email | After Login | usability |

# Environmental Needs

## Hardware Requirements

Computers connecting to the internet.

## 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** |
| --- | --- | --- | --- |
| Firefox |  |  | Internet Browser |
| Chrome |  |  | Internet Browser |
| Windows 7, 32bit |  |  | Operating System |
| Windows 7, 64 bit |  |  | Operating System |
| Windows 10, 32bit |  |  | Operating System |
| Windows 10, 64 bit |  |  | Operating System |
| Mac OS X 10.10 |  |  | Operating System |
| Katalon |  |  | Testing Application |

## 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** |
| --- | --- | --- | --- |
| none | none | none | none |

# 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  (Ngan) | 1 | 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  (Khoi, Dinh, Thu) | 3 | Implements and executes the tests.  Responsibilities include:   * implement tests and test suites * execute test suites * log results * analyze and recover from test failures * document incidents |
| Test System Administrator  (My) | 1 | Ensures the test environment and assets are managed and maintained.  Responsibilities include:   * administer test management system * install and support access to, and recovery of, test environment configurations and test labs |