**<Re:Book>**

**Vision Document**

**Version <1.0>**

**Revision History**

| **Date** | **Version** | **Description** | **Author** |
| --- | --- | --- | --- |
| <26/10/2021> | <1.0> | <Initial version of vision document> | <Dinh Dinh, Khoi Quach, Ngan Nguyen, Thu Nguyen, My Le> |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**Table of Contents**

[**Introduction**](#_gjdgxs) **4**

[**Positioning**](#_30j0zll) **4**

[Problem Statement](#_1fob9te) 4

[Product Position Statement](#_3znysh7) 4

[**Stakeholder and User Descriptions**](#_tyjcwt) **5**

[Stakeholder Summary (Publisher, communication, ads,...)](#_3dy6vkm) 5

[User Summary](#_1t3h5sf) 6

[User Environment](#_4d34og8) 6

[Alternatives and Competition](#_2s8eyo1) 6

[**Product Features**](#_17dp8vu) **6**

[**Non-Functional Requirements**](#_3rdcrjn) **8**

**Vision (Small Project)**

# **Introduction**

* 1. **Purpose:**

The purpose of this document is to define the high level requirements of the Re:Book website (inspired by Goodreads) in terms of the needs of the end users

* 1. **Scope:**

The Vision Document applies to the Re:Book website, which will be developed by Team 5 from class 19APCS1 of the course CS300.

The Re:Book website will enable users to review their books online on a more modern-based website platform with the improvement of responsive interaction and attractive interface**.**

* 1. **Definitions, Acronyms, Abbreviations**
  2. **References:**

**Applicable references are:**

1. Lecture notes in the course CS300, presented by Prof. Nguyen Van Vu
2. Tutorial videos made by teacher assistants from the course CS300

# **Positioning**

## **Problem Statement**

| The problem of | The front-end of Goodreads which lacks of aesthetic patterns and responsive features from the present time |
| --- | --- |
| affects | Users in the modern era |
| the impact of which is | A quite tedious experience and dissatisfaction of having almost no upgrade in terms of vision and features |
| a successful solution would be | Keep some fundamental functions of a book-review website and improve the image of the website, add in more responsive features to attract more users |

## **Product Position Statement**

| For | Online users with no age limit |
| --- | --- |
| Who | Review books |
| Re:Book | Is a website |
| That | Enables online users to review their books, see other reviewing versions and read books (if exist) |
| Inspired by | The existing Goodreads website |
| Our product | Keep fundamental functions of a book-reviewing website and provides a better visual representation with the adaption of responsive features coming from modern design |

| For | Online users with no age limit |
| --- | --- |
| Who | Find the link to ebooks |
| Re:Book | Is a website |
| That | Enables online users to find and read ebooks quickly |
| Inspired by | The existing Goodreads website |
| Our product | Keep fundamental functions of a book-reviewing website and provides a better visual representation with the adaption of responsive features coming from modern design |

| For | Online users with no age limit |
| --- | --- |
| Who | Publish a book |
| Re:Book | Is a website |
| That | Enables online users to publish or update the information for books |
| Inspired by | The existing Goodreads website |
| Our product | Keep fundamental functions of a book-reviewing website and provides a better visual representation with the adaption of responsive features coming from modern design |

# **Stakeholder and User Descriptions**

| Re:Book | Version: <1.0> |
| --- | --- |
| Vision Document | Date: <30/10/2021> |
| <document identifier> | |

## **Stakeholder Summary (Publisher, communication, ads,...)**

| **Name** | **Description** | **Responsibilities** |
| --- | --- | --- |
| Project Manager | This stakeholder leads development of the Re:Book project. | Plans, manages and allocates resources, decides the priorities, interactions with users and customers. |
| Publishers | External stakeholders who are affected by the system. | The publishers negotiate with the authors over intellectual property rights, rights to distribute, and rights to change the book. |
| Investors | Internal stakeholders who are significantly affected by the associated concern and system performance. | Responses for the web investment in return for some equality. The return on the venture capitalist firms implies success or failure of the company project. |
| Media, advertisers | External stakeholders who can impact a company in both good or bad ways. | Boost user engagement across channels. It helps the company to reach its targeted customers, stay engaged and respond to their favor in constant. |

## **User Summary**

| **Name** | **Description** | **Responsibilities** | **Stakeholder** |
| --- | --- | --- | --- |
| Book reviewers | Primary end user of the web | Uses the web to review books, gives others a brief look at books. | Self |
| Bookaholics | Primary end user of the web | Uses the web to decide which book to read. Communicate with others through group chat on Facebook. | Self |

## **User Environment**

1. The Re:Book website will be used by people , regardless of hobby, with a passion for reading, reviewing, and writing books.

2. The Re:Book website could provide a interface for bookaholics to read and review books in the following locations:

a. In a home (living alone or with a family)

b. At the workplace/ At school

3.The users could experience the following activities using the Re:Book application:

1. Get a link to the ebook they want to read
2. Review for the books
3. React (like/dislike) to the others’ comments
4. Recommend the books by updating their information to the website

4. The website should be able to perform any actions that the readers require.

5. Re:Book project should be easily usable by providing a good search

interface through which that person needs not know the entire system and can bring up

any part by just visiting the search page.

## **Alternatives and Competition**

The project was unaware of any viable alternatives or off-the-shelf solutions. Re:Book supported the strategy that the system should be developed internally by the University with a free cloud database in order to reduce costs, ensure appropriate functionality, and to guarantee continued support and maintenance on the system.

# **Product Features**

| ***No.*** | ***Feature*** | ***Sub-features*** | ***Description*** | ***Priority*** |
| --- | --- | --- | --- | --- |
| 1 | Authentication | Login | Have the ability to log in by social accounts like: Facebook, Google or by existing account name and password. | High |
| Logout | Exit the account. | High |
| Register | To create an account for the first time. | High |
| Change password | Change password | High |
| Reset password | When you forget your password, you will have the ability to reset password | High |
| Verify account | When you register, you have to verify that account | Medium |
| Delete account | Delete permanently account | Low |
| 2 | Favorite List | Save to list | Save favorite books to list | Medium |
| Remove from list | Remove favorite books to list | Medium |
| Create collection | Save favorite books to a specified collection | Low |
| Delete collection | Delete a specified collection | Low |
| Search book | Search from favorite list | Low |
| 3 | Recommend Books | A new book list everyday | Random from favorite categories or authors | Medium |
| Receive notifications through email | Notifications about recommended books everyday through email | Low |
| Respond to recommend list | Like/Dislike for better recommendation | Low |
| 4 | Filter Book | Date | Generate random books from your favorite categories | High |
| Category | Divide books into category | High |
| Author | Divide books according to authors | High |
| 5 | Review Book | Move to link for buying books | When choosing a book, you can press the button to move to the link for buying books | High |
| Rating | Rating books from zero or five stars | High |
| Texting | Comment in comment section of books | High |
| Add image | Add image in comment section. | High |
| React comment | Vote or devote comments | Low |
| Report comment | Report comments that violate community standards | Medium |
| 6 | Activities Diary | Visualization data by charts | Record user’s reaction with books, comments,... and visualize by line chart, bar chart, pie chart,... | Medium |
| Delete activities diary | Delete certain or all history in activities diary | Low |
| 9 | Plant virtual trees | Plan trees | Plant virtual garden based on user’s review progress | Medium |
| Collection of trees | Accumulate enough points to buy your favorite plants in our store | Low |
| Release trees according to seasons or special events | We will release one or some trees in special events such as Tet holiday, Mid Autumn or anniversary dates | Low |
| Trees die | If your account does not active for too long (may be more than 6 months), your trees will die | Medium |
| 11 | Publish books | Create books | When you cannot find a book on website, you can create it for everyone to review | High |
| Edit books | Change the information of your published book | High |
| See the interaction data of reviewers | See the number of comments, reacts and viewing of guests | Medium |
| Delete books | Delete permanently your published books | High |
| 12 | User Profile | Update information | Edit and update the user’s information | High |
| Change profile’s image | Upload image from local to set avatar | High |

# **Non-Functional Requirements**

1. Applicable Standards

We aim to create responsible websites which are suitable with varied screens.

1. System Requirements

The website runs on the web browser.

1. Performance Requirements

Non specified

1. Environmental Requirements

Non specified