Tiem Ban Nuoc

Book Lovers
Vision Document

Version <2.0>

Revision History

Date	Version	Description	Author
23/10/23	1.0	Initial ideas - PA0	Group 11
25/10.23	2.0	Finalize ideas - PA1	Group 11

Table of Contents

Vision (Small Project)

1. Introduction

The purpose of this document is to collect, analyze, and define high-level needs and features of the Book Lovers. It focuses on the capabilities needed by the stakeholders and the target users, and **why** these needs exist. The details of how the Book Lovers fulfills these needs are detailed in the use-case and supplementary specifications.

2. Positioning

2.1 Problem Statement

In this project, our aim is to develop a mobile app dedicated to book enthusiasts and anyone with a love for reading.

This user-friendly app will enable users to read, search, rent, buy, or sell books online with ease. Additionally, it offers a platform for users to schedule meet-ups with fellow book lovers or join existing discussion groups.

The problem of	The need to read books and find documents online is increasing
affects	book lovers and people with a need to buy, sell, or rent books for learning or entertainment purposes.
the impact of which is	Chaging reading habits in the digital era
a successful solution would be	Users can have a community for book enthusiasts to connect over shared passions and A marketplace for buying, selling and swapping books.

2.2 Product Position Statement

For	Individuals seeking to connect with others who share the same passions.
Who	Those with a need to buy, sell, or rent books for learning or entertainment purposes.
The (Book Lovers)	Is a Web application
That	Creating a community for book enthusiasts to connect over shared passions. And a marketplace for buying, selling and swapping books.
Unlike	Buying books from a bookstore or renting books from the library
Our product	It includes everything from reading books to borrowing and buying books, and even joining interest-based communities with like-minded individuals. All of these activities are carried out online.

3. Stakeholder and User Descriptions

3.1 Stakeholder Summary

Name	Description	Responsibilities
Dev team	Group 11 - Tiem Ban Nuoc	Build web application Ensures that the system will be maintainable Ensures that there will be a market demand for the product's features
Assitant	Teacher Ngô Ngọc Đăng Khoa	Monitors the project's progress Gives advices, comments Assess team performance
Company	Who is ordering to build this app	Provide application requirements Monitors the project's progress

3.2   User Summary

Name	Description	Responsibilities	Stakeholder
Book reader	Read a book which is free or have to rent a book which is a paid book Share a book for their friends Join a meeting	Capture details Produces reports	Self-represented
Book buyer	Buy a book from seller by deposite money into app	Capture details Produces reports	Self-represented
Book seller	Sell books	Capture details Produces reports	Self-represented
Organizers	Arrange a meeting and handle that meeting Advertise about their company	Capture details Produces reports	Self-represented

3.3   User Environment

Every users who connect to the Internet can take part in using Web app and all the functions in this app.

Book lovers will be provided to run on Web browser. In the future, we will try to support for Android and IOS devices.

We will use a third party app to recharge money, for instance: Momo.

3.4 Alternatives and Competition

The stakeholders can download long-time developed product such as Wattpad, Fahasa

	Wattpad	Fahasa	Book Lovers
Handle large user base	Yes ▾	Yes ▾	No ▾
Read books online	Yes ▾	No ▾	Yes ▾
Rent books	No ▾	No ▾	Yes ▾
Buy books	Yes ▾	Yes ▾	Yes ▾
User can sell books	Yes ▾	No ▾	Yes ▾
Share book	Yes ▾	No ▾	Yes ▾
Suggest book	Yes ▾	Yes ▾	Yes ▾
Community features	Yes ▾	No ▾	Yes ▾
In-app currency	Yes ▾	No ▾	Yes ▾
Multiple platform	Yes ▾	No ▾	No ▾

4. Product Overview

4.1 Product Perspective

The product is independent and totally self-contained.

4.2 Assumptions and Dependencies

There is no factor that affects the features stated in this vision document.

5. Product Features

Feature	Description
Create account, log in, log out	Users need to provide an unique name with a password for each account. Furthermore, an account need to be verified by an email
Read books	Users are able to download books for offline reading at their convenience.

Deposite money	Buy using Momo app, users can recharge money into app to buy or rent a book
Rent books	For each paid book, users can use money to rent that book to read in the well-defined time and the book rental will be transfer to the owner of that book
Buy books	Users can buy a paid book if they don't want to rent book in a period of time
Sell books	Sellers can post their books and decide how much the book costs for free or for a fee Sellers can also post initial few pages to review or a summary about that book
Search for specific books, documents or references	With the use of keywords (name, author, published date, genre, domain, ...), users can effortlessly locate a specific book, document, or reference.
Recommend new books	Leveraging users' preferences and reading history, the app intelligently recommends new books for users to explore.
Comment on books	After completing a book, users have the choice to express their thoughts through a review. If they choose to do so, these reviews are then harnessed to evaluate the book's quality, serving as a valuable resource for potential readers.
Share books	Users can share a book which they prefer to another user. Please note, this shares the link to the book, not the access rights.
Arrange meetings	Users can schedule meet-ups to converse about specific books. These meetings can be designated as public or private, according to preference.
Join meetings	Users have the opportunity to join existing gatherings, where they can engage in lively discussions and share their favorite books with the group.

6.   Non-Functional Requirements

Feature	Description
User privacy	The system secure users information from other users and outsiders.

Transaction assurance	System controls the flow and protects the transaction made by the users.
Manage data	System manages the input data from the users, filters then stores into the database, censor inappropriate information.
Manage users	Organize and classify users into groups: content creators, readers, identified users, unidentified users,...
Update status	Books in the shop must be unlocked for the users after 5 seconds