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**Alpha-SE**

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**EBook4U**  
**Vision Document**  
Version <1.2>

EBook4U	Version: 1.2
Vision Document	Date: 15/11/2022
Vu Hoang Phuc	

## Revision History

Date	Version	Description	Author
02/11/2022	1.1	Write Vision Document	Vu Hoang Phuc
15/11/2022	1.2	Update Vision Document in PA2	Vu Hoang Phuc

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## Vision (Small Project)

### 1. Introduction

The purpose of this document is to collect, analyze, and define high-level needs and features of the EBook4U. It focuses on the capabilities needed by the stakeholders and the target users, and why these needs exist. The details of how the EBook4U fulfills these needs are detailed in the use-case and supplementary specifications.

### 2. Positioning

#### 2.1 Problem Statement

The problem of	Reading books and stories online
affects	Readers of all ages
the impact of which is	More than people prefer e-book to classic books but they don't know where to read books online
a successful solution would be	Attract more people to read books online

#### 2.2 Product Position Statement

For	Readers of all ages
Who	Upload books and allow everyone to read it.
The (product name)	EBook4U
That	Help readers to choose a variety of books, save reading history, rate books
Unlike	TruyenFull.com, Enovel.vn, Dtruyen.com, Nettruyenme.com, ...etc
Our product	Provide so many kinds of books for the reader to choose comfortably. Update new books everyday faster than other websites. Provide the best UI design in VietNam.

### 3. User Descriptions

#### 3.1 User Profiles

- **Reader:**
  - + Age: All ages
  - + Sex: Male and female, other
  - + Role: reader/ translator/ author
  - + Experience in using computer or mobile: base
  - + Restriction: some books will require the readers being older than 18
  - + Anticipation: Things to be updated in the future.
  - + Frequency: about two hours per day
- **Administrator**
  - + Age: Older than 18
  - + Sex: Male and female, other
  - + Role: Manage the entire website includes creating, updating, deleting for both book and user
  - + Experience in using computer or mobile: advanced

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- + Skill: Website management
- + Responsibility: Update books, Inspect reader's post, ban toxic comments or accounts.

### 3.2 User Task and Environment

- **Reader**
  - + Reading book
  - + Rating, comment on each book.
  - + Reporting book:
  - + Must not access admin page
- **Administrator**
  - + Manager
  - + Check and Ban: Create a friendly environment
  - + Update, post book: Every day

### 3.3 Alternatives and Competition

- Competitors: [nhasachmienphi.com](http://nhasachmienphi.com) , [sachvui.vn](http://sachvui.vn) , [SSTruyen.vn](http://SSTruyen.vn).
- \* [nhasachmienphi.com](http://nhasachmienphi.com):
  - + Strength: Many kinds of books.
  - + Weaknesses: Bad UI design.
- \* [sachvui.vn](http://sachvui.vn):
  - + Strength: Good UI design with colorful items.
  - + Weaknesses: Post many advertising links.
- \* [SSTruyen.vn](http://SSTruyen.vn):
  - + Strength: Good UI design, many features .
  - + Weaknesses: Users need to pay for using many features.

## 4. Product Features → functional user requirements

- **Register and Login:**
  - + Create an account and access to the website.
  - + Users have to login to the website to be able to use our features.
  - + Users who do not have an account must create an account to login to the website.
- **Read, post, delete, update books:**
  - + On the homepage, users can read books.
  - + Users can post books for everyone to read and send to admin for approvals and updates.
  - + With a book, users who posted that book or the administrator can delete it.
  - + Users who post books can update those books and send them to admin in order to update books (same for admin).
- **Categorize and search book:**
  - + Help users to find their favorite books easily.
  - + Help users to read the right kind of books immediately, our website has a function to classify and search for books to read, which saves users time.
- **History of reading books:**
  - + When users do not read a book anymore, our website saves the information about that book ( including the name and the current page of it).
  - + Users can go to "history" to find books that haven't been finished reading yet.
- **Reviews** (vote stars, comments,...):
  - + Give your opinion about a book.
  - + In any book, all users can comment, rate a book about content, art, ...

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- + Admin will check reports from other users that have inappropriate comments and ban those users.
- **Book mark:**
  - + Help users to save a page of the book which they are reading. When they access the website again they can use the mark book to move to the marked page to continue reading.
- **Book Ranking:**
  - + Show the most popular books, the most viewed books, etc, ...
  - + For an overview of different books, there will be a book ranking of reading, searching.

## 5. Non-Functional Requirements → non-functional user requirements

- Security for the account user.
- Limit leak information of users outside.
- Book storage and reading history.
- Access book and every chapter of it fastly.
- Maintain system continuously.( once a week)
- Ensure the system still runs if it has an error.
- Legal aspect, don't exist any book or comment which has content 18+, violence,...
- Loading well when a large amount of people access to website at the same time.(estimate 1 millions users)