Vision and Scope Document

for

LiBook

**Version 1.0 approved**

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**Revision History**

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| --- | --- | --- | --- |
| **Name** | **Date** | **Reason For Changes** | **Version** |
| Team 9 | 10/03/2021 | Initial version of document | 1.0 |
|  |  |  |  |

# Business Requirements

The final product should provide needed functionality for books managing, feedback sharing, content moderation and updates. An intuitive and friendly user interface is needed to make this product usable by children for educational needs.

## Background

The digitalization of book resources and lack of spaces for discussions, sharing of opinions and ratings for books creates a need for alternative means of library management.

## Business Opportunity

The end-users will be able to access the system finding books, reading them, leaving feedbacks, getting some information about authors and adding them to the wish list and sharing them with public to encourage public to read the book. The service will allow to retrieve all books’ information swiftly and efficiently from a single source. New authors will be able to publish their new articles, books, and pieces of work directly to the service to become more recognizable and famous.

## Business Objectives and Success Criteria

The objective is to create a software that is easy to manage, maintain and extend. It should provide all the necessary functionality for comfortable books management, review and updates. The interface should be understandable and intuitive to suit the needs of readers, authors and moderators.

## Business Risks

There are a lot of ready-to-go web e-Library services and there is the risk that the system will not become one of the most usable in the market.

# Vision of the Solution

The new system will provide easy and secure library management in a friendly environment within the internet users. Including both common user and author, LiBook will give an opportunity for beginner authors to start their writing path. Convenient feedback system allows users to make discussions and share them with others.

## Vision Statement

Our vision is that our software will have the best system in its field and will work as promised. This system will drive really huge number of different books across the internet. It will include big variety of subjects, from tales to scientific. Such diversity will attract people of all age categories and of different fields of study.

## Major Features

The new LiBook system will have the following features:

* Group management support features which will allow teachers easily share books with students.
* Feedback feature which gives opportunity to make discussions for readers.
* Wishlist feature to save appreciated books.
* Subscription feature for authors to become prime authors and have their books located on top.
* Secured vault system to protect books.

## Assumptions and Dependencies

All project developers will have access to both IDE and other development resources to fulfill team needs. All the material cost that we are going to use will remain consistent and will not increase. All equipment will be in working condition through the project cycle. As technology we will use ASP.Net Core which cover all the features we are going to implement. As a hosting system we will use Azure service, so we are dependent on it. Also, for picture management system we will use appropriate cloud storages.

# Scope and Limitations

The LiBook System that is to be developed provides the Customers throughout the World the ability to buy any book they would like to. There is also a possibility to search for similar books and authors or by genre. The LiBook is supposed to have the following detailed features.

## Scope of Initial Release

The early release of the system will contain an online registration form and database to process and store registration information and the LiBook information, a secure network, and an administration part of handling users. Since this initial release will be fully functional, it is essential to include ability to manage books. The product provides the users with online books 24/7.

## Scope of Subsequent Releases

Feature releases will include:

* Ability to like a book
* Search a book by title
* Search similar books by genre
* Finding authors
* Ability to download a book

## Limitations and Exclusions

One of our possible killing features include:

* ability to add author as liked, and be notified on new book release of this author
* ability to see trending books
* dashboard with events from a book world

# Business Context

The target user types of the system are going to be reader and author. The authors will have the access to publish their compositions, essays, articles and books directly to the web service getting their own target readers which will have the ability to support author and share the information about him. The authors will have to pay some initial fee for being registered in the system and getting the ability to upload and manage the content, seeing the statistics of views, feedbacks and likes. There will be also the ability to move books into recommendations for additional fee.

## Stakeholder Profiles

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Stakeholder*** | ***Major Value*** | ***Attitudes*** | ***Major Interests*** | ***Constraints*** |
| *executives* | *increased revenue* | *Advertising the system and getting fees from authors* | *richer feature set than competitors; newborn authors have abilities to share their content* | *maximum budget for product = $50/month* |
| *authors* | *wide audience and support* | *Uploading qualitative content* | *getting statistics of what is the main interests of the audience* | *money support should higher then outcomes* |
| *third-party* | *integrate their resources to make the paid content visible for wider auditory* | *Signing contract with executives to migrate the data* | *ability to handle much larger auditory than current system; easy to use* | *Integration should pay off* |

## Project Priorities

|  |  |  |  |
| --- | --- | --- | --- |
| ***Dimension*** | ***Driver (state objective)*** | ***Constraint (state limits)*** | ***Degree of Freedom (state allowable range)*** |
| *Schedule* | *release 1.0 to be available by May 2021, 1.1 by June* |  | *May-June* |
| *Features* | *continuous feature development on users’ demand* | *the feature should attract the wide auditory* | *70-80% of high priority features must be included in release 1.0* |
| *Quality* | *all the features should be testes. code covered with unit tests* | *For release 1.0 code coverage should be > 50 %* | *90-95% of user acceptance tests must pass for release 1.0, 95-98% for release 1.1* |
| *Staff* | *stable development team to create initial version of the supportable system* | *maximum team size is 4 developers + QAs (combined)* |  |
| *Cost* |  | *$40 per month for hosting DEV environment* | *budget overrun up to 20% acceptable without executive review* |

## Operating Environment

The system will have English localization and will be available world-wide. But the target continent is Europe (Western and Eastern regions) where the servers will be located. Development team will be also located in Europe to quickly handle user requests. Upon usage of the system the scalability will be executed, and the number of technical capabilities will be regulated. The security of the system will be based on Microsoft best practices and guidelines. The users will have the ability to contact support team in case of any interruptions or errors.