Vision and Scope Document

for

Library Management System

Version 1.0 approved

Prepared by Group 4

HOÀNG ANH VŨ

TRIỆU QUỐC DOANH

NGUYỄN TIẾN HƯNG

NGUYỄN ĐẶNG MINH THUẬN

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Revision History

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| --- | --- | --- | --- |
| **Name** | **Date** | **Reason For Changes** | **Version** |
|  |  |  |  |
|  |  |  |  |

# Business Requirements

## Background

## -The Library Management System basically updates the manual library system into an Internet-based application so that users can know their account details, book availability, and limit loan allowed. The project is specially designed for the use of librarians and library users. The product will act as a complete user interface for library management and library usage from common users. The Library Management System can be used by any existing or new library to manage its books and its borrowing, giving and monitoring. It is especially useful for any educational institute where content modification can be done easily as required.

## 1.2 Business Opportunity

## - With the explosion of information technology, knowledge is accessed in many different forms. With library management software, readers do not need to go directly to the library to easily access and find books. Search documents quickly with different criteria such as keywords, titles, authors, translators... through computers or mobile phones accessing the internet (School's Website) to perform the search and search. search for different types of documents; perform pre-registration of documents and renewals; Librarians can check the book's loan history and personal information of readers to control the number of books that have been borrowed and returned during the day. With the help of document control devices such as cameras, magnetic gates, etc.

## 1.3 Business Objectives

## - The main objective of this document is to illustrate the requirements of the project's Library Management system. Document detailing both functional and non-functional requirements proposed by the customer. The purpose of this project is to provide a friendly environment to maintain detailed information about books and library members. The circulation system is easy to use calculator and provides various reports. This project describes hardware and software interface requirements using ER diagrams and UML diagrams.

## Success Metrics

## 1.5 Vision Statement

## - Library book management system to help readers find more clear information about a book including author, publication date, and edition. The library expects that it will fulfill its unique role as a major contributor to the academic, cultural and social development of the university community. We aim to bring a convenient system to everyone by applying modern technologies to the system.

## 1.6 Business Risks

## 1.7 Business Assumptions and Dependencies

- All data entered will be correct and up to date.Can backup and restore database Microsoft SQL server to store database.This software package is developed using JAVA/ASP .NET system is completed and fully packaged before delivery to the customer.Using the available resources from the library.During the project implementation, the user can change some requirements within the allowed scope and be approved. project manager consent.

# Scope and Limitations

## Major Features

### < Librarian>

FE-1: Issue a book to the member.

FE-2: View categories of books.

FE-3: Check out books.

FE-4: Create, view, modify, delete, book.

FE-5: Add book .

FE-6: Search a book.

### < Members >

MB-1: View categories of books.

MB-2: View List of books depend on category.

MB-3: Own an account .

MB-4: View book issued.

MB-5: Request for a new book

MB-6: View books.

MB-7: Search a book.

## Scope of Initial and Subsequent Releases

### 2.2.1: < Librarian>

|  |  |  |  |
| --- | --- | --- | --- |
| Feature | Release 1 | Release 2 | Release 3 |
| FE-1, Issue a book to the member. | Each member can only borrow up to 10 books. | Student card required | accept members to borrow books first. |
| FE-2, View categories of books | Not implemented |  | Fully implemented |
| FE-3, check out books | Not implemented |  | Fully implemented |
| FE-4 Create, view, modify, delete, book. | Create and view list | Modify, delete, and archive list |  |
| FE-5, Add books | Not implemented | Fully implemented |  |
| FE-6, Search a books | I Internet access |  |  |

## Limitations and Exclusions

## Stakeholder Profiles

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Stakeholder | Major Value | Attitudes | Major Interests | Constraints |
|  |  |  |  |  |

## Project Priorities

|  |  |  |  |
| --- | --- | --- | --- |
| Dimension | Constraint | Driver | Degree of Freedom |
| Features |  |  |  |
| Quality |  |  |  |
| Schedule |  |  |  |
| Cost |  |  |  |
| Staff |  |  |  |

## Deployment Considerations