

Software Requirements Specification

for

LIBRARY SYSTEM

Version 0.5 approved

Prepared by Team 5

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

1. Introduction

## Purpose

## System Purpose

|  |  |
| --- | --- |
| Software | Version |

## Definitions, Acronyms and Abbreviations

|  |  |  |
| --- | --- | --- |
| ID | Acronyms | Definition |

## Document Conventions

## Intended Audience and Reading Suggestions

## Project Scope

## References

1. Overall Description

## Product/System Perspective

## System/Product Features

## User requirements

## User Classes and Characteristics

## Operating Environment

## Design and Implementation Constraints

## User Documentation

## Assumptions and Dependencies

1. Specific Requirements

## Functional Requirements Specification

### Librarian

### 3.1.1.1 Login

### 3.1.1.2 Logout

### 3.1.1.3 Add publication (Nhà xuất bản)

### 3.1.1.4 Add book

### 3.1.1.5 View book report

### 3.1.1.6 Add branch (Chi nhánh)

### 3.1.1.7 Add student

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### 3.1.1.12 Penalty (Phạt nếu sinh viên trả sách muộn quá thời hạn)

## 3.1.2 Student

### 3.1.2.1 Login

### 3.1.2.2 Logout

### 3.1.2.3 View Account

### 3.1.2.4 Edit Account

### 3.1.2.5 Change password

### 3.1.2.6 My report (List sách đang mượn và sách đã trả)

### 3.1.2.7 Penalty report (Lịch sử phạt do trả sách quá kỳ hạn)

### 3.1.2.8 View book (Xem các sách đang có sẵn)

## Non-Functional Requirements Specification

### External Interface Requirements

#### User Interfaces

#### Hardware Interfaces

#### Software Interfaces.

#### Communications Interfaces

### Other Nonfunctional Requirements

#### Performance Requirements

#### Design constraints

#### Safety Requirements

#### Security Requirements

#### Software Quality Attributes

1. Other Requirements

Appendix A: Database diagram

Appendix B: Database entity