|  |
| --- |
| Assignment 2 |
| Design Document |
| Zhiran Sun – 20082252 – BSc(H) Software Systems Practice Year 4 |

|  |
| --- |
| Zhiran Sun  12/21/2018 |

Contents

[Goal 2](#_Toc599306353)

[Requirement Analysis 2](#_Toc843570441)

[Nonfunctional Requirement 2](#_Toc201364393)

[System Design 3](#_Toc2044609126)

# Goal

I am going to do an application of school library management system. Its main purpose is to do statistics about imports and exports of books, including borrowing books, returning books, buying new books and so on. It can also mange the users in this library. It will simplify the management of library by data and standardization.

# Requirement Analysis

The requirement analysis show the desired qualities of the system and provide a consistent set of criteria that must be considered when making design decisions. The following requirements are identified.

## Nonfunctional Requirement

①Usability

The prompt message should appear in every page. Some users who use the system in the first time can handle it in a correct way not exceeding half an hour. These people also gain navigation prompt which will help you to operate this system step-by-step.

②Supportability

Support for main browsers.

Programming the system by Node JS.

The user interface language is English.

# System Design

