

# Requirement Analysis Document

(RAD)

for

Library System Management

By

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Supervisor

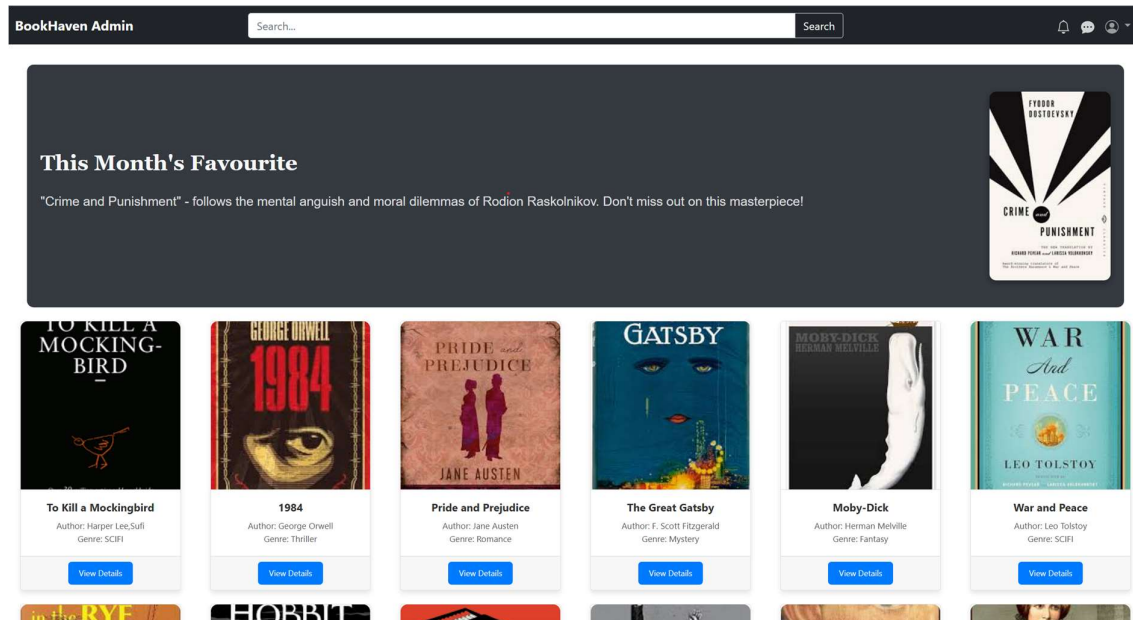
Wincent Stålbirt Holm

# 1. Introduction

This document outlines the functional and non-functional requirements for the web-based library system. The purpose of the system is to provide a platform where users can register, borrow books, search the library catalog, chat with administrators and manage their borrowed items. The document will guide the development, design and testing phases of the project.

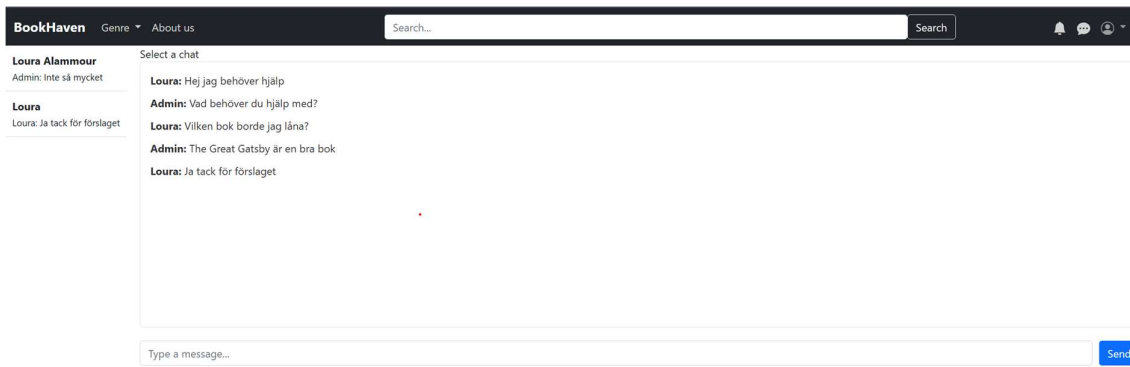
## 2. GUI Mockups

Here are some screenshots from our website when running the project:



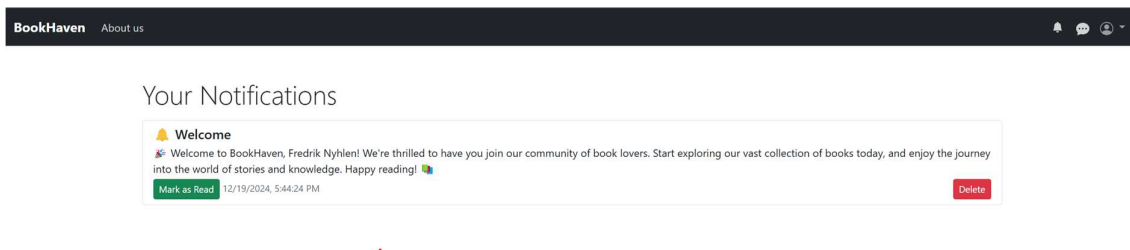
**The Homepage when logged in as an admin.** When you are logged in as a user it looks almost identical. On the main page you can see book cards and there you can view details for the books. If you are logged in as a user, this is where you can borrow the book.

The homepage is also the starting point to navigate anywhere else on the website.



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**The chat system when logged in as an admin.** Here the admins can select and chat with multiple different users. If you are logged in as a user instead you will only be able to chat with “admin”. When chatting, the admins work as one, it doesn’t matter what admin is logged in, they will see the same messages and will be able to respond as just “admin”.



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**The notification page when logged in as a user.** Here you will get notifications for things like, over due date for returning a book or a welcome message when registering.

## Add a Book

Title:

Author 1:

Author 2:

ISBN:

Image URL :

Genre:

Fantasy

Add Book

**The add book page that only the admins can reach.** This is a page where admins can add books that users then are able to borrow. If you are logged in as a user you won't see the option to reach this page.

### 3. User Stories



#### Implemented user stories



**User stories not implemented**

## 4. Domain Model

