



(Company No. 101067-P)

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*Garden of Knowledge and Virtue*

**PROPOSAL FOR PROJECT DEVELOPMENT**

**INFO 4302**

**SECTION 1**

**PROJECT TITLE**

**BOOK REVIEW APPLICATION**

**GROUP**

**ASIAH**

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## **1.0 INTRODUCTION**

The application that we want to develop is a book review application. It is a platform for people to share their reviews, thoughts and comments on books that they have read. Users can upload pictures of the book with the title, write a review and state a rating for the book. Users can view others' review on the application too.

## **2.0 PROBLEM STATEMENT**

The application that we will develop is a mobile application. The users are book enthusiasts that want to share their opinion on books that they have read and for people who want to look for online book review. Currently, people only share book reviews on social media or through acquaintance. This platform will allow users to share their opinions and reviews with a broad audience.

## **3.0 PROJECT OBJECTIVE**

The objective of the project is to gather all the book lovers to share their interest in the same platform. Users can read book reviews that are written by others to acquire feedback from them. Users can search for a list of books that have been reviewed by others. The report that will be produced is the overall report about the project in written form.

## **4.0 PROJECT SCOPE**

### **4.1 SCOPE**

This application is covering book review only. This mobile application is ready to use by all group of people especially book enthusiasts. This project consists of the star rating and review from the users thus other users can acquire the details of the books.

## **4.2 TARGETED USER**

Our targeted user is book enthusiasts.

## **5.0 CONSTRAINTS**

Throughout this project, we have experienced the time constraints as our main challenges in developing this project. We also encounter difficulties in coding as we are not skilled enough in this area thus we find it hard for us to fulfill this project in time.

## **6.0 FEATURES & FUNCTIONALITIES**

In this book review application, the main features of this application is users can write reviews for any books that they have read before. The reviews of the books can consist of the experiences, summary, emotions and many other things that can be related to other users to generally know the content of the book.

Furthermore, users can rate the content of the book by giving stars to it. The best content will have five stars. Before the users start to read the overview of a book, they can check the given rating as the simplest way to know other people's interest and thought about the book. Thus, users can read the review to know more about the book if they are interested in it.

This book application review also provides a list of books that have been read by the users. Others can check the book list to search for any books they want to read. Others also can get to know many books that are out of their common genre books.

## **7.0 SIGNIFICANCE OF THE PROJECT**

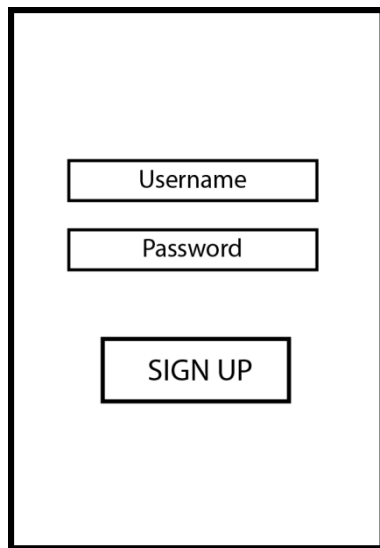
This book review application can help users to save their time as it will help the potential users to get an overview of the book's content. Others can determine whether the book is suitable for them to read or not. In addition, book review app can influence many people to read the particular book. For example, when the rate of a book is good, people tend to read the book because of the curiosity

and the storyline of the book.

Other than that, with the presence of this book review app, it will help to validate the worthiness of a book. The higher the rating, the worthier the book is. This situation will lead many users to join reading the particular books.

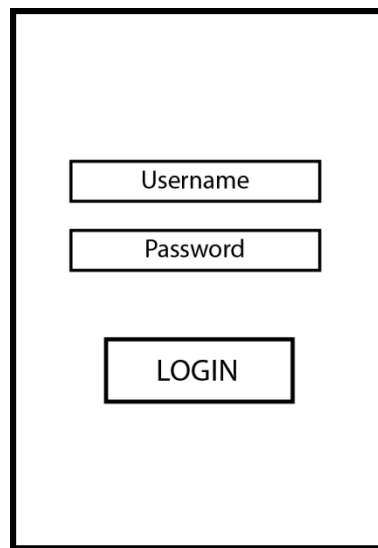
As for the author of the book, higher rating shows that the content of the books is good and can attract more readers. It will lead to the growth of sales of the books. If other users love to read a book that has been reviewed by that particular user, it will increase the motivation for that author to produce books with a greater content.

## 8.0 SCREEN NAVIGATION & COMPONENTS



A diagram of a sign-up page. It consists of a large rectangular frame. Inside, there are two input fields: the top one is labeled 'Username' and the bottom one is labeled 'Password'. Below these fields is a button labeled 'SIGN UP'.

Sign up page



A diagram of a login page. It consists of a large rectangular frame. Inside, there are two input fields: the top one is labeled 'Username' and the bottom one is labeled 'Password'. Below these fields is a button labeled 'LOGIN'.

Login page

Title

Book Description

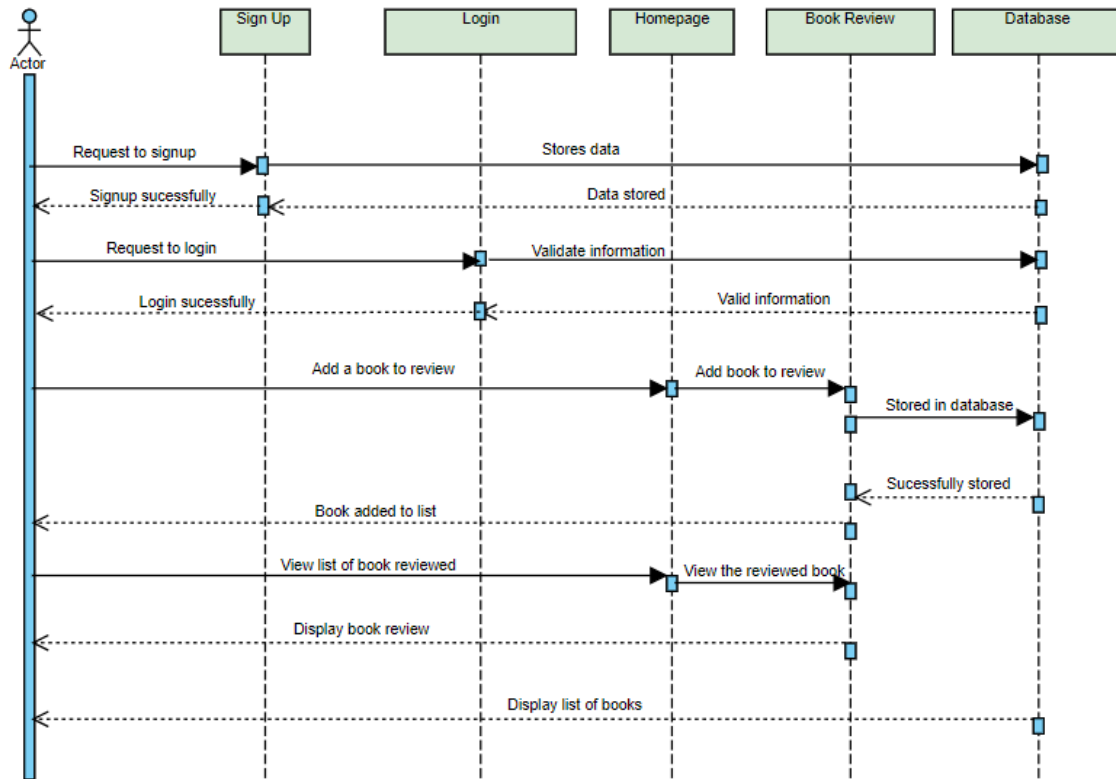
Rating ★★ ★

Review

Book review page

List of books page

## 8.1 SEQUENCE DIAGRAM



## 9.0 CODE IMPLEMENTATION AND FUNCTIONALITIES

NO	ITEMS	NAME
1.	Sign Up with Firebase <ul style="list-style-type: none"><li>- Error Checking</li></ul>	Mazlin
2.	Log in with Firebase <ul style="list-style-type: none"><li>- User Authentication</li></ul>	Mazlin
3.	Homepage <ul style="list-style-type: none"><li>- Routing</li><li>- Listing</li><li>- Component</li></ul>	Afifah
4.	Book Details Page <ul style="list-style-type: none"><li>- Details</li><li>- Ratings</li><li>- Component</li></ul>	Adilah, Afifah
5.	Add Image and Review with API	Adilah

## 10.0 SUMMARY

Book review application is an application that is developed to allow the users to share their review, overview and thoughts about a book that have read. It also allows other users to rate the books depending on their preferences. This book review application has three main features which are book review, rating and search and list of books available. This application is targeted for book enthusiasts. The benefit of this application is that it will help users to search for books that they intended to read. In conclusion, this book review application can ease the book enthusiasts because they can acquire information of the book in a simple application.

## 11.0 REFERENCES

The Apps You Need To Actually Buy, Read, & Review Books On Your Phone. (n.d.). Retrieved from <https://www.bustle.com/p/9-book-apps-that-make-buying-reading-reviewing-books-so-much-easier-4026676>.

Codepath. (2015, February 17). codepath/android-booksearch-demo. Retrieved from <https://github.com/codepath/android-booksearch-demo>.