
FULL STACK PROJECT

(2020-2021)

Bookish World

SYNOPSIS

**Department of Computer Engineering & Applications Institute
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SUBMITTED TO:

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INTRODUCTION

Bookish World Project is a MERN based project that helps in building a platform for all book readers. This platform helps users to discover new/old book titles, read their description, view their summary and like posts shared by other readers. This platform also enables users to share their own recent book titles and descriptions which they might have read in a while.

PROBLEM STATEMENT

In this digital era where people share their hobbies like dance, music etc, there comes a need to provide an open platform to all those readers who want to explore new book titles every day and share their aspects regarding a book. This idea has led to building a book-specific social media platform: Bookish World, where people can connect over poetry, literature, blogs, articles, quotes, scriptures- writings that are worth sharing.

OBJECTIVE

The main aim of this project is to connect all the book lovers and avid readers out there, who then share their book lists and reviews. Also, this platform will give readers a new perspective around the books that they have read, helping them understand the aspects that they never considered. The key components of Bookish World are: (i) Explore Book Titles (ii) Add New Book Title

WORKING METHODOLOGY

This system is intended to develop an open platform for all readers and book lovers where they get to explore new book titles and their aspects and description. This will also help them to share their own aspect for a particular book.

Functionalities are:

- Using this platform, we can view or add recent/trending book titles.
- This website contains a dashboard containing posts shared by different readers across the globe.
- Users need to register in order to share or like posts.
- The user can login or sign up using their credentials or google account.
- The user can like other's posts or add/delete their posts.

MODULES INCLUDED

- Sign Up form – Sign up using credentials or Google account.
- Sign In form – Sign in using credentials or Google account.
- Bookish World Dashboard – Section where readers have shared their book titles that can be liked by other readers.
- Add Book form – Form to add your own book title along with its description and hashtags.

SPECIFIC REQUIREMENTS

- Hardware Requirement (Minimum)
 - 4 GB RAM
 - Hard Disk 50GB
 - Processor Intel CORE i3
- Software Requirement
 1. System Software
 - Operating System (Windows, Linux)
 2. Application Software
 - Tools used - Visual Studio Code Editor
 - Front End Technologies – ReactJS
 - Back End Technologies – NodeJS, ExpressJS, MongoDB

TECHNOLOGIES USED

- React JS: It is an open-source, front end, JavaScript library for building user interfaces or UI components.
- Node JS: Node.js is an open-source, cross-platform, back-end JavaScript runtime environment that runs on the V8 engine and executes JavaScript code outside a web browser.
- Express JS: Express is a back end web application framework for Node.js, released as free and open-source software under the MIT License. It is designed for building web applications and APIs.
- MongoDB: MongoDB is a source-available cross-platform document-oriented database program. Classified as a NoSQL database program, MongoDB uses JSON-like documents with optional schemas.

TEAM CONTRIBUTION

The strength of our team is 5 members:

- Devang Tiwari (191500253)
- Hitesh Panwar (191500350)
- Keshav Dev Tiwari (191500392)
- Rajyavardhan Bhardwaj (191500632)
- Sahil Vishwakarma (191500693)

The modules are divided among the members as given below: (as planned till now)

Devang Tiwari – Project idea and source gathering

Hitesh Panwar – Backend

Keshav Dev Tiwari– Backend + Frontend

Rajyavardhan Bhardwaj– Architectural Diagram

Sahil Vishwakarma–Frontend

LIMITATIONS OF THE SYSTEM PROPOSED

- It is one user interface website.
 - The user can expect more features or want to gather more information.
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CONCLUSION

Bookish World Project is a real time project which is useful for all the book lovers and readers as this helps in building a social media sort of platform where they get to explore new book titles, get to know what is the current choice of readers and which book has a different plot and aspect. They can like such shareable posts and also share their own experience of reading a particular book. Classifying on a broader aspect, this platform is a hobby oriented social platform where users can discover new things in this so-called Bookish World!

- You can find all the new/trending book titles without searching every now and then on the internet.
- This platform will definitely be a world for all book lovers and readers who want to share their own aspects regarding a book or gain other reader's point of view.
- The sign up and sign in process is quite easy as it can be done using google account as well.

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