

A Mini- Project Report

on

“Book Crit”

Submitted to the

Pune Institute of Computer Technology, Pune

In partial fulfillment for the award of the Degree of

Bachelor of Engineering

in

Information Technology

by

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CERTIFICATE

This is to certify that the project report entitled

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is a bonafide work carried out by them under the supervision of Prof. Rachana Chhajed and it is approved for the partial fulfillment of the requirement of Software Laboratory Course-2015 for the award of the Degree of Bachelor of Engineering (Information Technology)

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Internal Guide
Date :

Place:
Date:

ACKNOWLEDGEMENT

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Abstract

Book crit describes a book's overall purpose, its structure, and style of narration. Through a critical essay, a reviewer conveys an opinion and supports it with evidence from the book.

Book reviews tell the readers something substantial about the book. As a result of reading the review, readers may want to buy the book or check it out from the library and even recommend it to their friends and fellow book lovers. They can also choose to ignore the book if the review reveals its subject to be of no literary or artistic value or its quality to be poor.

Reviews are a good indicator of a book's quality, meaning, and significance. Book reviews help spread the word and create a buzz about their book. Reviews also get the word out about the author, thus encouraging readers to read more of their works.

Our Website Helps User to Read a book review and details and helps authors list their books on our website and add reviews.

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INTRODUCTION

1.1 Motivation:

Book reviews can be more important than we may think.

A form of literary criticism, book reviews are written opinions about a particular book. They can take many forms. Book reviews can be brief or long. They can critique and/or summarize the book. They can be written by readers or professional book reviewers. Reader reviews tend to be more personal, focusing on the individual reader's experience while reading the book. But since readers can have such widely differing views of the same book, it is valuable for all involved when a book has a variety of reader reviews available.

Feedback from readers, be it positive or negative, five stars or one star, will motivate authors to hone their craft. Good book reviews will serve as the cornerstone in an author's career and a ticket to better standing in the book industry. Readers need to see other readers enjoying the book. Good reviews will inspire more reviews. When readers leave a five-star review, authors feel appreciated and more inspired to write a better and far more engaging book.

1.2 Purpose and Need of Application:

Reasons Why Book Review Are Important:

1) Saves Time, Decreases Risk to Readers:

Book reviews make books a known quantity. They decrease the risk to readers that a particular book will be not what they had in mind at all. In fact, book reviews help potential readers become familiar with what a book is about, give them an idea of how they themselves might react to it and determine whether this particular book will be the right book for them right now.

Book reviews save readers time, prepare them for what they will find and offer them a greater chance of connecting with a particular book, even before they read the first page!

2) Greater Visibility and Greater Chance of Getting Found:

Book reviews give books greater visibility and a greater chance of getting found by more readers.

On some websites, books that have more book reviews are more likely to be shown to prospective readers and buyers as compared to books with few or no book reviews.

Book reviews also help amplify your book's reach among book clubs, bookstores, blogging communities and other opportunities to gain attention from new readers. For an author, book reviews can open doors to new and bigger audiences.

3)More Sales:

The presence of book reviews can help validate the worthiness of a book and establish who the book's audience is. Then once validated, other similar people are much more likely to want to join their peers and buy that same book.

Knowing this, some authors try to game the system by outright buying or inventing book reviews. But that's not a good approach at all. Don't do it. It's not right and you're better than that.

Soliciting real reviews from real people can help you as an author achieve more sales in a completely ethical way.

LITERATURE SURVEY

1. Good Reads

Goodreads is arguably the leading online community for book lovers. If you want some inspiration for which book to read next, this is the site to visit.

There's an endless number of user-generated reading lists to explore, and Goodreads itself publishes dozens of "best of" lists across a number of categories. You can also join book discussions and reading groups with thousands of members.

You can participate in the community by adding your own rankings to books you've read and leaving reviews for other people to check out. Occasionally, there are even bonus events like question and answer sessions with authors.

2. Library Things

LibraryThing is the self-proclaimed largest book club in the world. It has more than 2.3 million members and is a part-cataloging site/part-social networking site.

With a free account, you can add up to 200 books to your library and share them with other users. But it's in the other areas where LibraryThing can claim to be one of the best book review sites.

Naturally, there are ratings, user reviews, and tags. But be sure to click on the Zeitgeist tab at the top of the page. It contains masses of information, including the top books by rating, by the number of reviews, by authors, and loads more.

3. Book Riot

Book Riot is a blog. It publishes listicles on dozens of different topics, many of which focus on the best books in a certain genre. To give you an idea, some recent articles include 7 of the Best Books About Writing and 12 of the Best Video Games Based on Books.

Of course, there's also plenty of non-reading list content. If you have a general affinity for literature, Book Riot is definitely worth adding to the list of websites you browse every day.

4. Bookish

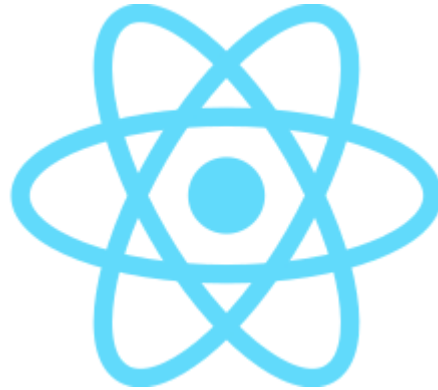
Bookish is a site that all members of book clubs should know about. It helps you prep for your next meeting with discussion guides, book quizzes, and book games. There are even food and drink suggestions and playlist recommendations.

But the site is about more than book club meetings. It also offers lots of editorial content. That comes in the form of author interviews, opinion essays, book recommendations, reading challenges, and giveaways.

IMPLEMENTATION DETAILS

1. Front End

- **React JS**
- **Bootstrap**
- **HTML, CSS**



React (also known as React.js or ReactJS) is a free and open-source front-end JavaScript library for building user interfaces based on UI components. It is maintained by Meta (formerly Facebook) and a community of individual developers and companies. React can be used as a base in the development of single-page, mobile, or server-rendered applications with frameworks like Next.js. However, React is only concerned with state management and rendering that state to the DOM, so creating React applications usually requires the use of additional libraries for routing, as well as certain client-side functionality.

2. Back End

-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. Node.js lets developers use JavaScript to write command line tools and for server-side scripting—running scripts server-side to produce dynamic web page content

before the page is sent to the user's web browser. Consequently, Node.js represents a "JavaScript everywhere" paradigm, unifying web-application development around a single programming language, rather than different languages for server-side and client-side scripts.

Node.js has an event-driven architecture capable of asynchronous I/O. These design choices aim to optimize throughput and scalability in web applications with many input/output operations, as well as for real-time Web applications. The Node.js distributed development project was previously governed by the Node.js Foundation, and has now merged with the JS Foundation to form the OpenJS Foundation, which is facilitated by the Linux Foundation's Collaborative Projects program.

- Express JS



Express.js, or simply 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. It has been called the de facto standard server framework for Node.js.

The original author, TJ Holowaychuk, described it as a Sinatra-inspired server, meaning that it is relatively minimal with many features available as plugins. Express is the back-end component of popular development stacks like the MEAN, MERN or MEVN stack, together with the MongoDB database software and a JavaScript front-end framework or library.

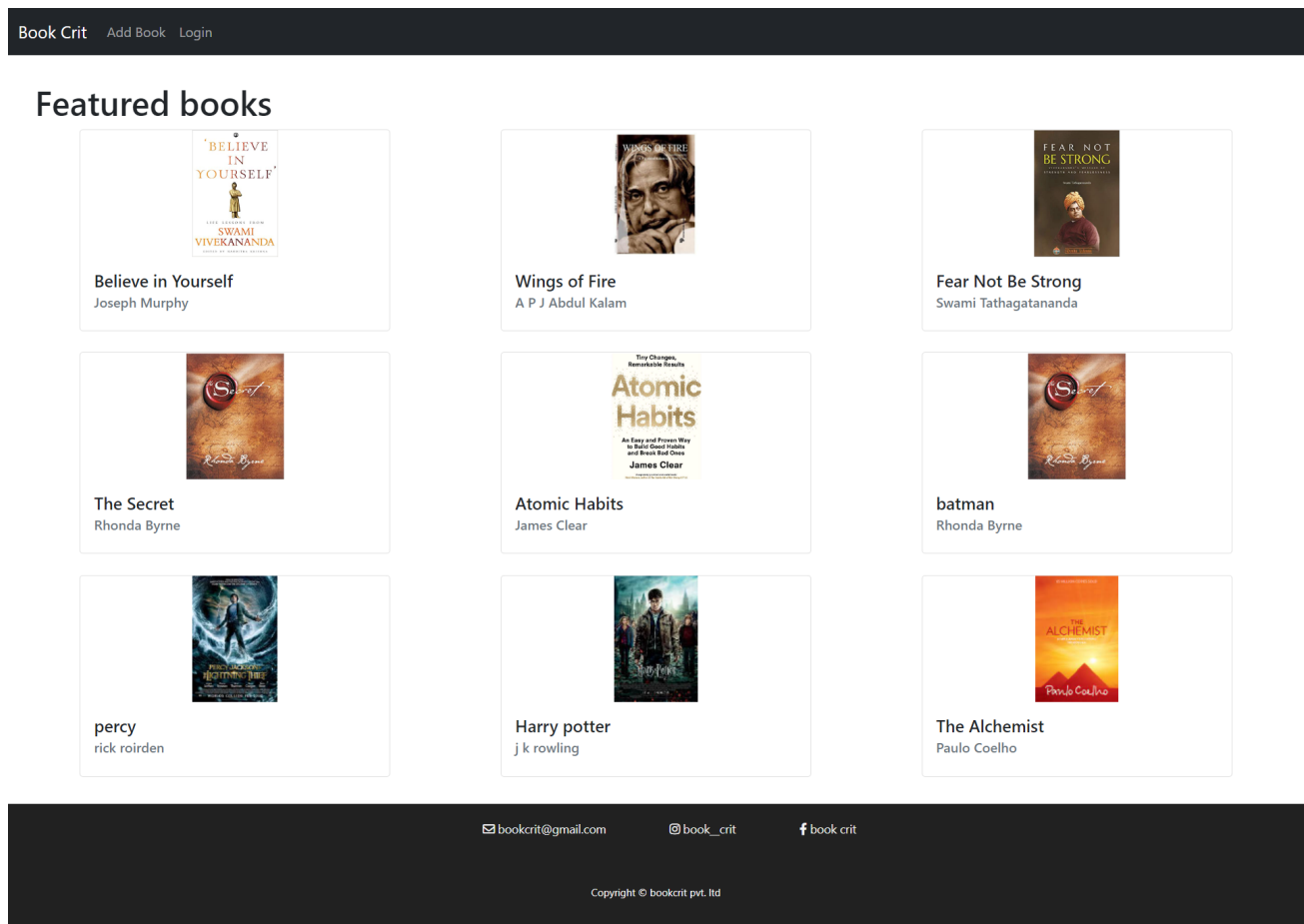
- MongoDB



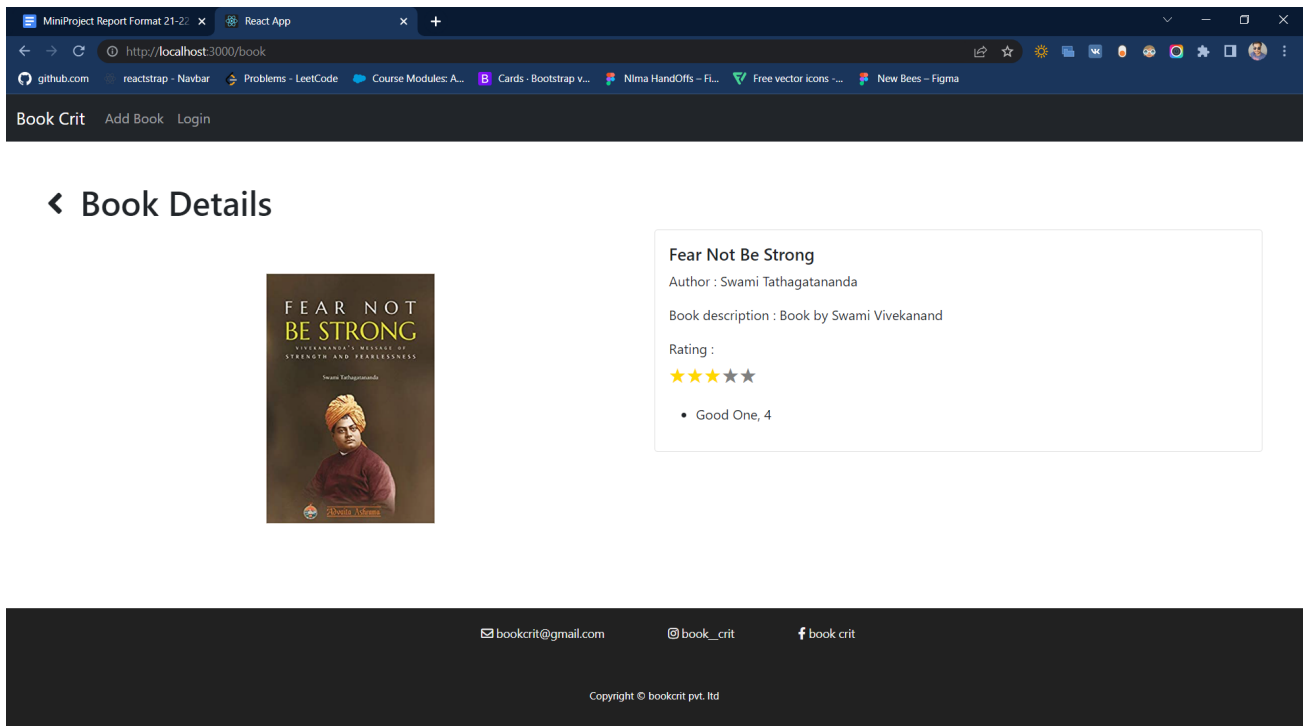
MongoDB is a source-available cross-platform document-oriented database program. Classified as a NoSQL database program, MongoDB uses JSON-like documents with optional schemas. MongoDB is developed by MongoDB Inc. and licensed under the Server Side Public License (SSPL).

OUTPUT SCREENSHOTS

1. Homepage



2. View Book Page



3. Add New book form

The screenshot shows a web browser window with the URL `http://localhost:3000/add`. The browser's address bar and tabs are visible. The website's header includes the text "Book Crit" and navigation links "Add Book" and "Login". A dark toast notification is displayed in the center of the screen, showing the text "localhost:3000 says" and "book added successfully!" with an "OK" button.

Add New Book

Name	<input type="text" value="The Alchemist"/>
Author	<input type="text" value="Paulo Coelho"/>
Rating	<input type="text" value="4"/>
Description	<input type="text" value="The Alchemist is the magical story of Santiago, an Andalusian shepherd boy who yearns to travel in search of a worldly treasure"/>
Image url	<input type="text" value="data:image/jpeg;base64,/9j/4AAQSkZJRgABAQAAQABAAQ/2wCEAAkGBxMQEhASEH"/>

bookcrit@gmail.com @book_crit f book crit

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CONCLUSION & FUTURE WORK

- **Conclusion:**

We conclude that we created a book review website which serves following purpose

- Author- Can both add book and write a review
- User - Can only review a book

Since the website is built using modern technologies such as ReactJs, NodeJS, ExpressJS, MongoDB it is highly scalable and provides high performance to users.

- **Future Work:**

- We can make the project open source
- We can make websites in different languages
- We can improve security of Website
- We can setup integration with book selling website so user can purchase book directly from our website

REFERENCES

List all the material used from various sources for making this project proposals

- [1] [goodreads.com](https://www.goodreads.com)
- [2] [Reactjs.org](https://reactjs.org)
- [3] [Nodejs.org](https://nodejs.org)
- [4] [MongoDB.com](https://mongodb.com)
- [5] [Expressjs.com](https://expressjs.com)