

SYNOPSIS

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A Web-based Book Application using MongoDB & Nodejs

Abstract –

The main objective of this application for bibliophiles all around the world with the ease of a click. This online platform not only overcomes the need of physically going to the bookstores and libraries, but also enables users to develop a community of like-minded people. Moreover, it also extends its services to those preparing for various competitive exams. As various students find it financially challenging to buy many books before exams, this platform provides them with the best facility of borrowing or lending textbooks or practice papers.

The borrower can thus keep the book based on the requirement in exchange for a minimal amount. BookBea is a book-lovers' platform where people can exchange, share, and sell books according to their interests and tastes. Once a user logs in, he/she is registered in the system and a new profile is created, where the user may construct their own bookshelf with all the books they want to read or swap. Our idea is aimed to cater to the needs of voracious readers who have a wide range of reading preferences and often find acquiring each book from a bookstore quite cumbersome. Each book's edition and description are provided, giving the user a gist of what they are interested in buying or borrowing. A chat room feature is also integrated in the system enabling the user and lender to contact each other directly, giving the user the belief that the opposite end person is genuine. Apart from cash-on delivery, an online payment gateway has been created to keep track of all the payments and protect the users from any kind of privacy issues.

METHODOLOGY

The website majorly consists of these modules

- Login Page
- My Books
- Add Books
- Books Shared
- Books Borrowed
- Chat Room
- Payment Gateway
- My Request

System Requirement

II. Hardware Requirement

i. Laptop

- I3 processor system or higher
- 4 GB RAM or higher

II. Software Requirement

ii. Laptop or PC

- Windows 10
- Vs code
- Node js
- Mongo db