The STRAND

Project Objective:

The objective of this project is to create an online book stall application that allows users to view a collection of books, add new books, update existing ones, and delete books. Additionally, the project integrates a chatbot AI helper to provide information about famous books and authors.

Abstract:

The online book stall application serves as a platform for book enthusiasts to explore, manage, and interact with a variety of books. Users can perform CRUD (Create, Read, Update, Delete) operations on the book inventory. The integration of a chatbot AI provides an interactive element, offering information and assistance related to famous books and authors.

Installation Steps:

1. Clone the Repository:

```bash
git clone <repository-url>
```

2. Navigate to the Client (React) Directory:

```bash
cd client
```

3. Install Dependencies:

```bash
npm install
```

4. Run the React App:

```bash
npm start
```

5. Navigate to the Server (Node.js) Directory:

```bash
cd server
```

6. Install Dependencies:

```bash
npm install
```

7. Run the Node.js Server:

```bash
npm start
```

8.Access the Application:

Open your browser and go to `http://localhost:3000` to access the online book stall application.

Features Used:

1. React.js for Frontend:

- Components for modular UI design.

- React Router for navigation.

2. Node.js for Backend:

- Express.js for building the server.

- RESTful API for CRUD operations.

3. MySQL Database:

- Data storage for book information.

4. Axios for API Requests:

- Used to fetch and send data between the frontend and backend.

5.React-Router-Dom:

- Enables navigation between different pages in the React app.

6.Chatbot Integration:

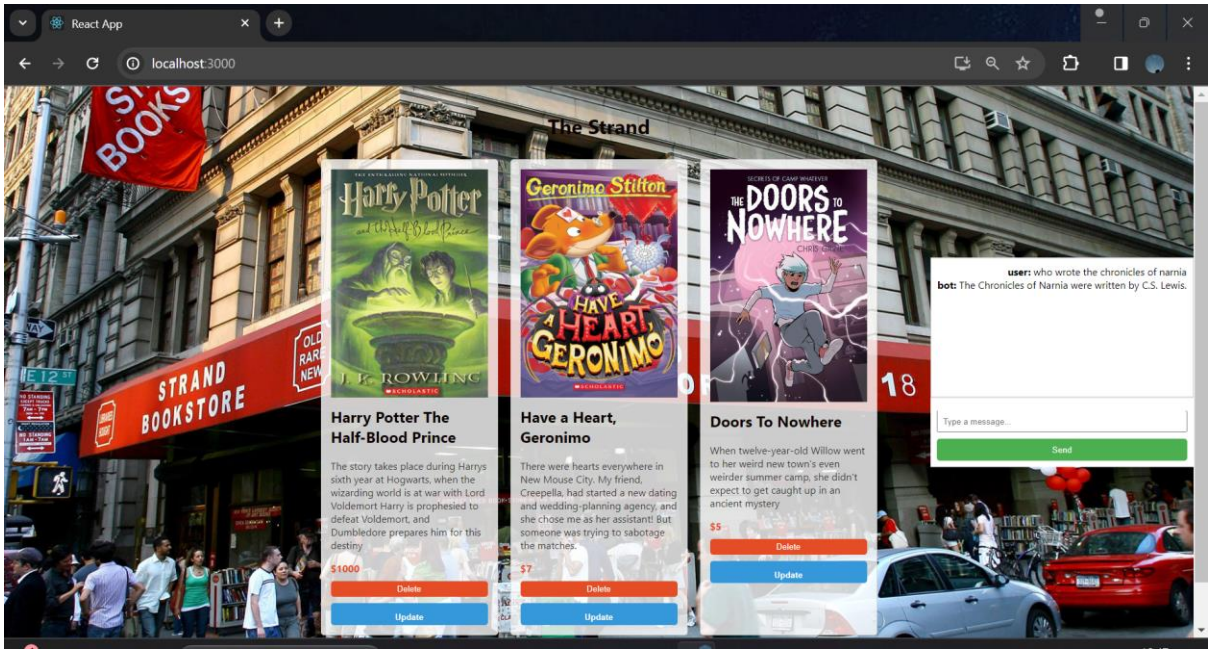
- Utilizes a simple chatbot for providing information about famous books and authors.

7.Styling with CSS:

- CSS stylesheets for layout and design.

These features collectively create a web application that allows users to interact with a book inventory and receive assistance from a chatbot regarding famous books and authors.

Output:


React App
localhost:3000
The Strand
STRAND BOOKSTORE
Harry Potter The Half-Blood Prince
The story takes place during Harrys sixth year at Hogwarts, when the wizarding world is at war with Lord Voldemort Harry is prophesied to defeat Voldemort, and Dumbledore prepares him for this destiny
$1000
Delete
Update
Have a Heart, Geronimo
There were hearts everywhere in New Mouse City. My friend, Creepella, had started a new dating and wedding-planning agency, and she chose me as her assistant! But someone was trying to sabotage the matches.
$7
Delete
Update
Doors To Nowhere
When twelve-year-old Willow went to her weird new town's even weirder summer camp, she didn't expect to get caught up in an ancient mystery
$5
Delete
Update
user: who wrote the chronicles of narnia
bot: The Chronicles of Narnia were written by C.S. Lewis.
Type a message...
Send