Here's a **starter frontend code** for your **BookNest MERN Stack Bookstore** using **React.js + Bootstrap**. It includes:

* A landing page
* Book listing UI
* Category filtering
* Add to cart button
* Navbar and routing setup

Let’s go step by step. **First**, here's the basic folder structure and then the actual code.

**📁 Project Folder Structure**

pgsql

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booknest-frontend/

├── public/

│ └── index.html

├── src/

│ ├── components/

│ │ ├── Navbar.js

│ │ ├── BookCard.js

│ │ ├── BookList.js

│ │ └── Cart.js

│ ├── pages/

│ │ ├── Home.js

│ │ └── BrowseBooks.js

│ ├── App.js

│ └── index.js

├── package.json

└── .env

**✅ 1. App.js – Main App with Routing**

jsx

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import React from 'react';

import { BrowserRouter as Router, Routes, Route } from 'react-router-dom';

import Navbar from './components/Navbar';

import Home from './pages/Home';

import BrowseBooks from './pages/BrowseBooks';

import Cart from './components/Cart';

function App() {

return (

<Router>

<Navbar />

<Routes>

<Route path="/" element={<Home />} />

<Route path="/books" element={<BrowseBooks />} />

<Route path="/cart" element={<Cart />} />

</Routes>

</Router>

);

}

export default App;

**✅ 2. Navbar.js**

jsx

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import React from 'react';

import { Link } from 'react-router-dom';

function Navbar() {

return (

<nav className="navbar navbar-expand-lg navbar-dark bg-dark px-4">

<Link className="navbar-brand" to="/">BookNest</Link>

<div className="collapse navbar-collapse">

<ul className="navbar-nav ms-auto">

<li className="nav-item"><Link className="nav-link" to="/books">Browse</Link></li>

<li className="nav-item"><Link className="nav-link" to="/cart">Cart</Link></li>

</ul>

</div>

</nav>

);

}

export default Navbar;

**✅ 3. Home.js**

jsx

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import React from 'react';

function Home() {

return (

<div className="container text-center mt-5">

<h1>Welcome to BookNest</h1>

<p className="lead">Where Stories Nestle</p>

<p>Browse and discover your next favorite book!</p>

</div>

);

}

export default Home;

**✅ 4. BookCard.js**

jsx

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import React from 'react';

function BookCard({ book, onAddToCart }) {

return (

<div className="col-md-4 mb-4">

<div className="card h-100">

<div className="card-body">

<h5 className="card-title">{book.title}</h5>

<h6 className="card-subtitle text-muted">{book.author}</h6>

<p className="card-text">{book.description.substring(0, 100)}...</p>

<p><strong>₹{book.price}</strong></p>

<button className="btn btn-primary" onClick={() => onAddToCart(book)}>Add to Cart</button>

</div>

</div>

</div>

);

}

export default BookCard;

**✅ 5. BrowseBooks.js**

jsx

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import React, { useEffect, useState } from 'react';

import BookCard from '../components/BookCard';

function BrowseBooks() {

const [books, setBooks] = useState([]);

const [filtered, setFiltered] = useState([]);

const [genre, setGenre] = useState('All');

useEffect(() => {

// Replace this with API call

const dummyBooks = [

{ id: 1, title: 'The Alchemist', author: 'Paulo Coelho', genre: 'Fiction', description: 'A journey of self-discovery.', price: 299 },

{ id: 2, title: 'Atomic Habits', author: 'James Clear', genre: 'Self-help', description: 'Small habits make big changes.', price: 399 },

{ id: 3, title: 'Sapiens', author: 'Yuval Noah Harari', genre: 'History', description: 'A brief history of humankind.', price: 499 }

];

setBooks(dummyBooks);

setFiltered(dummyBooks);

}, []);

const handleGenreChange = (e) => {

const selected = e.target.value;

setGenre(selected);

if (selected === 'All') {

setFiltered(books);

} else {

setFiltered(books.filter(book => book.genre === selected));

}

};

const addToCart = (book) => {

console.log('Add to cart:', book.title);

// TODO: Implement cart logic

};

return (

<div className="container mt-4">

<h2>Browse Books</h2>

<div className="mb-3">

<label className="form-label">Filter by Genre</label>

<select className="form-select w-25" value={genre} onChange={handleGenreChange}>

<option value="All">All</option>

<option value="Fiction">Fiction</option>

<option value="Self-help">Self-help</option>

<option value="History">History</option>

</select>

</div>

<div className="row">

{filtered.map(book => (

<BookCard key={book.id} book={book} onAddToCart={addToCart} />

))}

</div>

</div>

);

}

export default BrowseBooks;

**✅ 6. Cart.js (basic placeholder)**

jsx

CopyEdit

import React from 'react';

function Cart() {

return (

<div className="container mt-4">

<h2>Your Cart</h2>

<p>Cart functionality coming soon...</p>

</div>

);

}

export default Cart;

**🧩 Next Steps**

You can extend this with:

* Login/Register form with JWT
* Use useContext or Redux for cart state
* Connect to a backend API (Node.js + Express)
* Add pagination, search bar, ratings, etc.

Would y