

## **Components:**

### **1.BookCard.jsx**

```
function BookCard({ title, author, price, view }) {  
  return (  
    <div className="book-card">  
      <div>  
        <h3>{title}</h3>  
        <p>by {author}</p>  
      </div>  
      <p className="book-price">₹{price}</p>  
    </div>  
  );  
}  
  
export default BookCard;
```

### **2.BookList.jsx**

```
import { useState } from "react";  
  
import BookCard from "./BookCard";  
  
import "../index.css";  
  
function BookList() {  
  const books = [  
    { id: 1, title: "Atomic", author: "James Clear", price: 399 },  
    { id: 2, title: "Rich Dad", author: "Robert Kiyosaki", price: 299 },  
    { id: 3, title: "Ikigai", author: "Hector Garcia", price: 349 },  
    { id: 4, title: "7 Habits", author: "Stephen Covey", price: 450 },  
  ]  
  return (  
    <div>  
      <BookCard book={books[0]} />  
      <BookCard book={books[1]} />  
      <BookCard book={books[2]} />  
      <BookCard book={books[3]} />  
    </div>  
  );  
}  
  
export default BookList;
```

```
{ id: 5, title: "Power Habit", author: "Charles Duhigg", price: 380 },
{ id: 6, title: "Thinking", author: "Daniel Kahneman", price: 499 },
{ id: 7, title: "Deep Work", author: "Cal Newport", price: 420 },
{ id: 8, title: "Start Why", author: "Simon Sinek", price: 350 },
{ id: 9, title: "Subtle Art", author: "Mark Manson", price: 399 },
{ id: 10, title: "Sapiens", author: "Yuval Harari", price: 550 },
{ id: 11, title: "Homo Deus", author: "Yuval Harari", price: 520 },
{ id: 12, title: "Alchemist", author: "Paulo Coelho", price: 299 },
{ id: 13, title: "Monk Ferrari", author: "Robin Sharma", price: 350 },
{ id: 14, title: "Babylon", author: "George Clason", price: 280 },
{ id: 15, title: "Win Friends", author: "Dale Carnegie", price: 399 },
{ id: 16, title: "4 Agreements", author: "Don Ruiz", price: 320 },
{ id: 17, title: "Grit", author: "Angela Duckworth", price: 450 },
{ id: 18, title: "Drive", author: "Daniel Pink", price: 400 },
{ id: 19, title: "Lean Startup", author: "Eric Ries", price: 480 },
{ id: 20, title: "Zero One", author: "Peter Thiel", price: 500 },
{ id: 21, title: "Principles", author: "Ray Dalio", price: 550 },
{ id: 22, title: "Educated", author: "Tara Westover", price: 450 },
];
```

```
const [view, setView] = useState("grid");
const [search, setSearch] = useState("");

const filteredBooks = books.filter((book) =>
  book.title.toLowerCase().includes(search.toLowerCase())
);
```

```
return (

<div className="book-list">

  <h2>  Featured Books </h2>

  <input
    type="text"
    placeholder="Search books..."
    value={search}
    onChange={(e) => setSearch(e.target.value)}
  />

  <div className="toggle-buttons">
    <button
      className={view === "grid" ? "active" : ""}
      onClick={() => setView("grid")}
    >
      Grid View
    </button>

    <button
      className={view === "list" ? "active" : ""}
      onClick={() => setView("list")}
    >
      List View
    </button>
  </div>

<div className={view === "grid" ? "grid-view" : "list-view"}>
```

```
{filteredBooks.map((book) => (
  <BookCard
    key={book.id}
    title={book.title}
    author={book.author}
    price={book.price}
    view={view}
  />
))}

</div>
</div>

);

}
```

export default BookList;

## App.jsx

```
import BookList from "./components/BookList";
```

```
function App() {
  return (
    <div>
      <h1>  BookVerse </h1>
      <BookList />
    </div>
  );
}
```

```
export default App;
```

### **index.css**

```
/* Reset and base styles */
```

```
* {  
  box-sizing: border-box;  
  margin: 0;  
  padding: 0;  
  font-family: Arial, sans-serif;  
}
```

```
body {  
  background-color: #f3f3f3;  
}
```

```
/* Header */
```

```
h1 {  
  text-align: center;  
  font-size: 2rem;  
  padding: 1.5rem 0;  
}
```

```
/* BookList container */
```

```
.book-list {  
  padding: 1.5rem;  
}
```

```
/* Search input */  
.book-list input[type="text"] {  
    width: 100%;  
    max-width: 400px;  
    padding: 0.5rem 1rem;  
    margin-bottom: 1rem;  
    border-radius: 8px;  
    border: 1px solid #ccc;  
}  
  
/* Toggle buttons */
```

```
.toggle-buttons {  
    display: flex;  
    gap: 1rem;  
    margin-bottom: 1.5rem;  
}
```

```
.toggle-buttons button {  
    padding: 0.5rem 1rem;  
    border-radius: 8px;  
    border: none;  
    cursor: pointer;  
    background-color: #ddd;  
}
```

```
.toggle-buttons button.active {
```

```
background-color: #007bff;
color: white;
}

/* Books display */

.gridView {
display: grid;
grid-template-columns: repeat(auto-fit, minmax(200px, 1fr));
gap: 1.5rem;
}

.listView {
display: flex;
flex-direction: column;
gap: 1rem;
}

/* BookCard */

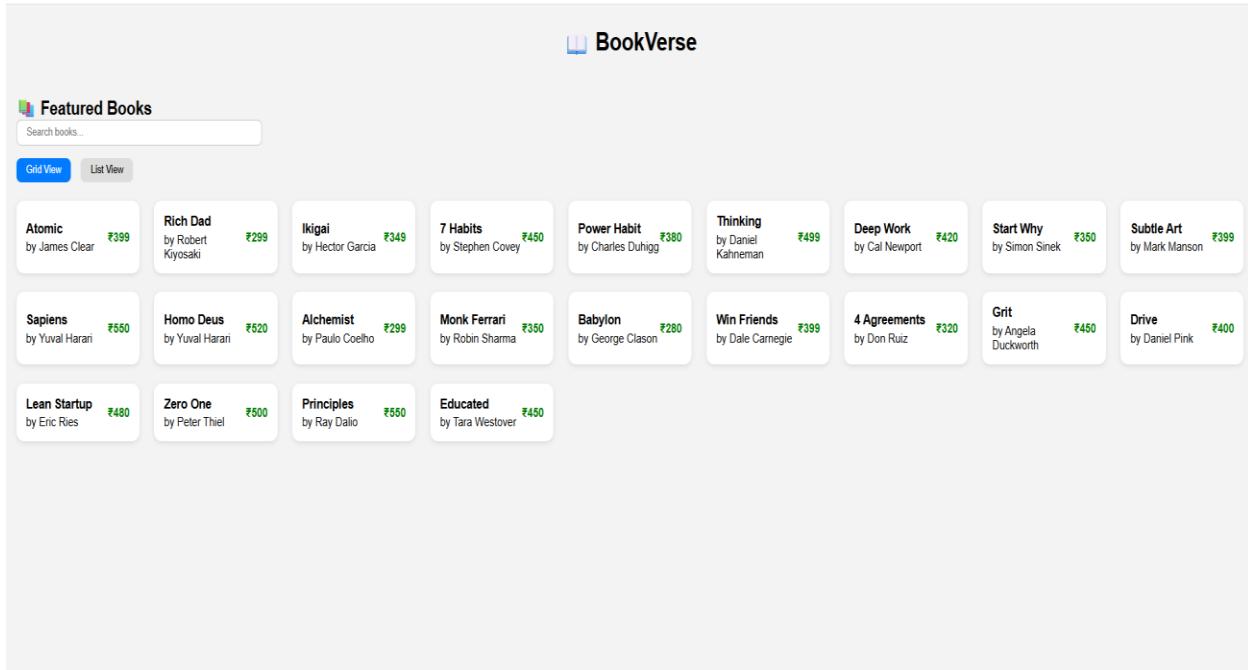
.book-card {
background-color: white;
padding: 1rem;
border-radius: 12px;
box-shadow: 0 2px 6px rgba(0,0,0,0.1);
display: flex;
justify-content: space-between;
align-items: center;
}
```

```
.book-card h3 {  
    font-size: 1.1rem;  
    margin-bottom: 0.25rem;  
}  
  
}
```

```
.book-card p {  
    margin: 0;  
}
```

```
.book-price {  
    font-weight: bold;  
    color: green;  
}
```

## Result:



The screenshot shows the BookVerse website interface. At the top center is the logo "BookVerse" with a small book icon. Below it is a section titled "Featured Books" with a search bar. There are two navigation buttons: "Grid View" (highlighted in blue) and "List View". The main content area displays a grid of 15 book cards. Each card contains the book's title, author, and price. The books listed are:

Book	Author	Price
Atomic	by James Clear	₹399
Rich Dad	by Robert Kiyosaki	₹299
Ikigai	by Hector Garcia	₹349
7 Habits	by Stephen Covey	₹450
Power Habit	by Charles Duhigg	₹380
Thinking	by Daniel Kahneman	₹499
Deep Work	by Cal Newport	₹420
Start Why	by Simon Sinek	₹350
Subtle Art	by Mark Manson	₹399
Sapiens	by Yuval Harari	₹550
Homo Deus	by Yuval Harari	₹520
Alchemist	by Paulo Coelho	₹299
Monk Ferrari	by Robin Sharma	₹350
Babylon	by George Clason	₹280
Win Friends	by Dale Carnegie	₹399
4 Agreements	by Don Ruiz	₹320
Grit	by Angela Duckworth	₹450
Drive	by Daniel Pink	₹400
Lean Startup	by Eric Ries	₹480
Zero One	by Peter Thiel	₹500
Principles	by Ray Dalio	₹550
Educated	by Tara Westover	₹450

 BookVerse

 **Featured Books**

Search books...

Atomic by James Clear	₹399
Rich Dad by Robert Kiyosaki	₹299
Ikigai by Hector Garcia	₹349
7 Habits by Stephen Covey	₹450
Power Habit by Charles Duhigg	₹380
Thinking by Daniel Kahneman	₹499
Deep Work by Cal Newport	₹420
Start Why by Simon Sinek	₹350
Subtle Art by Mark Manson	₹399
Sapiens	

18°C Party cloudy

Search   12:09 AM 20-01-2026

 BookVerse

 **Featured Books**

Atomic

Atomic by James Clear	₹399
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