

TASK-22

22. Override Default Props:

- Pass custom book details to override default props.

Step 1: /src/components/Library.jsx:

```
import React from 'react';
import BookCard from './BookCard'; // Import the BookCard component
import './styles/Library.css'; // Import the CSS file for styling

// Stateless functional component to render the list of books
const Library = ({ books }) => {
  return (
    <div className="library">
      <h2>Library Management System</h2>

      {/* Map over the books and pass each book's data as props to BookCard */}
      <div className="book-list">
        {books.map((book, index) => (
          <BookCard
            key={index}
            title={book.title || 'Custom Title'} // Custom title if missing
            author={book.author || 'Custom Author'} // Custom author if missing
            availability={book.availability !== undefined ? book.availability : false} // Custom availability
          />
        ))}
      </div>

      {/* Design credit */}
      <div className="design-credit">
        <p>@Design By Het Dabhi</p>
      </div>
    </div>
  );
};

export default Library;
```

Step 2: /src/App.js:

```
import React from 'react';
import Library from './components/Library'; // Import the Library component

function App() {
  // Array of books with some custom values to override default props
  const books = [
    { title: 'Ramayan', author: 'Valmiki', availability: true },
    { title: '', author: 'Vyasa', availability: false }, // Missing title
    { title: 'Krishna Leela', author: '', availability: true }, // Missing author
    { title: 'Bhagavad Gita', author: 'Vyasa', availability: true },
    { title: 'Upanishads', author: 'Various', availability: false },
    { title: 'Panchatantra', author: 'Vishnu Sharma', availability: true },
    { title: '', author: '', availability: true }, // Custom case for all props missing
  ];

  return (
    <div className="App">
      {/* Pass books array as props to Library */}
      <Library books={books} />
    </div>
  );
}

export default App;
```

Output: