

ClassComponents: SignInSignUpHeader, SignInSignUpHeader **useReducer**: AddBook **useTransition**: BookDetails (*editBooks*)

ReactContext: Used for IsUserLoggedIn, **Composition**: BookItem (AdminBookItem, UserBookItem returns BookItem)

HOC: Wrapped by withAuthRoleHOC for both UserDashboard and AdminDashbaord

React Router – DataLoader: Loading data in AdminRoute, and useLoaderData in UserDashboard

 $\textbf{\textit{Jest testing:}} \ \mathsf{App.test.js}, \ \mathsf{addBook.test.js}, \ \mathsf{signInSignUpFooter.test.js}$