

ITPRJS

Practice Problems: Week 6 and 7

ANNOUNCEMENT: From now on, you must use Functional components and Hooks throughout all your solutions. Don't use Class components anymore. Also, students are encouraged to use Styled Components to apply basic stylings to all their works.

1. From week 6's class content, you have to make a similar project(Book List App) in which you will have a Landing Page, describing your Application, a simple authentication flow for users. An user will have to sign up to use your application.

In short the app's minimum feature requirements are,

- a. A landing page,
- b. Signup, Login, Logout(Authentication Flow)
- c. Once an user logged in, the user can add books to the list, remove books, update books status(Read, Not Read, Planning to Read, Reading)
(This route will be protected of course. If someone tries to access this route without logging in, you will have to redirect the user to log in page.)
- d. You are required to persist users data in local storage, and delete if the user logs out,

N.B. You are required to use Context API for state management along with useReducer hook. Design of the website is up to you, as you all are aspiring Fullstack Developers so having a decent design sense is a nice thing to have. So try to make the design as nice as possible. While doing this task make sure you are following the best practices for react.

2. After completing task 1, you have to deploy your website on any platform you want. From week 7's class content you will find a bunch of deployment options.

So choose any one of them.

You have to submit both your source code(preferably in github) and live demo of your website for this task.

Thanks,

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