REACT TEST

Create single page web application with 6 routes: For this test use public api: **https://reqres.in/**

Routes:

- "/", "/users" are public routes. Everyone can access them.
- "/sign-up" route is for guests only and can be accessed only if user is not logged in.
- "/profile", "/logout" are private routes and can be accessed only if user is logged in.

Description of routes:

"/"
- Home page, with navigation bar. List of users from api with pagination.
- Depending if user is logged in or not, show correct information in navigation bar.
- If user is logged in show profile picture and name, also show a link to profile page and a logout button.
- If user is not logged in show login and sign up button.

/users
- Show list of users from api.
- Implement pagination.

/profile
- Create a profile form that is populated with information from public api.
- Allow user to update profile and send data to api.

/sign-up
- Create a sign up form and send information to api.
- If api returns validation errors, show them on correct field.

/login
- Create a login form and send information to api.
- If api returns validation errors, show them on correct field.
- If no errors login user and save details of user.

/logout
- Logout user.
- Clear reducers to initial state.

Notes:
- Please use webpack for this test.
- Please use bootstrap for this test.
- Please use redux in this test.
- Please verify that application works on all modern browsers, including IE11.
- Store all information in reducers.
- If user is logged in and page is fully reloaded, user should stay logged in but all others reducers should be cleared out.