***Root SRC folder***

index.js -To create store and call the App element using Provider element

***Actions – define the various actions***

Index.js – define objects that can be used as arguments (in place of actions) while calling reducers

1. userAction – object with 3 fields, Login, Register, forgetPassword
2. loginInfo – object with user name and password
3. registerInfo – object with all fields required for new user registration
4. forgetPwdInfo – object with fields required for password reset

***Components – visual components to render. Header or footer JS files can be kept here, as they contain static elements and doesn’t need Redux state management***

1. Header.js
2. Footer.js – can have sub components for copyright, etc.,
3. Homepage.js – it can have login as default component with a button for Register
4. Register.js – visual elements for register screen
5. forgetPassword.js – visual elements for forget password screen
6. salesPortal.js – the page where we land after successful signin. At the moment I can be dummy component with Success message
7. loginUnsuccess.js – login error information

***Containers – Components that dispatch actions and updates states***

1. userAction.js – dispatch userAction object and connect() with respective visual component to render on screen
2. login.js – dispatch loginInfo object and connect() with salesPortal.js or loginUnsuccess.js
3. register.js – dispatch registerInfo and connect() with Homepage.js with login option enabled
4. forgetPassword.js – dispatch forgetPwdInfo and connect() with Homepage.js with login option enabled

***Reducers – that accepts current state and action to return next state***

1. Index.js – combine reducers
2. userActionReducer.js – called with userAction object and returns state as per user preferred action
3. loginReducer.js – called with loginInfo object. Performs express js API call for user login validation and returns state success or failure
4. registerReducer.js – called with registerInfo. Performs express js API call to register the user. Where to perform user input validation? Need to discuss
5. forgetPasswordReducer.js – called with forgetPwdInfo. Performs express js API call to reset the password. Returns state success or failure