Redux

1. Npm I react-redux
2. Create the store
   1. Create the store.js inside the src folder
      1. const INITIAL\_STATE = {}
      2. const reducer = (state, action) => { return lists: EQUIP\_DATA}
      3. const store = createStore(reducer, INITIAL\_STATE)
      4. export default store
   2. Implement <Provider store={store} /> in the index.js. wrap the <App /> with <Provider />
   3. Create listConstant
      1. Create it inside the constants folder
      2. const EQUIPMENT\_LIST\_REQUEST
      3. const EQUIPMENT\_LIST\_SUCCESS
      4. const EQUIPMENT\_LIST\_FAILURE
   4. Create the listReducer
      1. Create a reducer folder inside the src
      2. Reducer is a function that accepts state and action as parameters
      3. Const listReducer = ( state = {loading: true, lists: [] }, action) => {

Switch(sction.type){ case EQUIPMENT\_LIST\_REQUEST: return { loading: true};

case EQUIPMENT\_LIST\_SUCCESS: return { loading: false, lists: action.payload}

case EQUIPMENT\_LIST\_FAILURE: return { loading: false, error: action.payload}

**default: return state**

}

* + 1. Before the function
    2. const { EQUIPMENT\_LIST\_REQUEST, EQUIPMENT\_LIST\_SUCCESS, EQUIPMENT\_LIST\_FAILURE

} = require(‘../constants/listsConstants)

* 1. Create the listEquipment.js inside the actions folder
     1. Import the constants and axios
     2. Action is a function that will get the data from backend
     3. Text

        Description automatically generated