Redux Thunk

So now instead of returning an object, we can return a function that calls an API and passes that payload into the dispatch

```
export const fetchPost = (url, dispatch, setError) => {
    return () => {
        axios
            .get(url)
            .then((res) => {
                const item = res.data;
                return dispatch(
                    addExpense({
                        description: item.title,
                        amount: 101,
                        id: item.id,
                        email: "jsonplaceholder@gmail.com",
                    })
                );
            })
            .catch((err) => {
                setError(err);
                return alert(err);
            });
    };
};
```

Redux Sagas

redux-sagas give lets you dispatch() actions in an asynchronous way using the **yield put, yield call, yield takeLatest** methods, INSTEAD of using thunks callback methods. Yield put replaces the dispatch()

```js
index.js > fetchCartItems
1   import { call, put, takeEvery, takeLatest } from 'redux-saga/effects';
2   function* fetchCartItems() {
3     try {
4       const cartItems = yield fetch('<API_ENDPOINT>');
5        yield put({type: 'CART_ITEMS_SUCCESS',payload: cartItems.json()});
6     } catch (e) {
7         yield put({
8           type: 'CART_ITEMS _FAILED',
9           message: e.message
10        });
11     }
12   }
```

Cognizant