Npm install –g create-react-app

Create-react-app swagshop-web ////it creates our swagshop-web project,now move to ur swagshop-web folder

Cd swagshop-web/

Npm start //inside that directory—project starts and loads webbrowser as well.

devDependencies are used for developing tool which no need of user interaction like react scripts-for project get things up and running

other couple of dependencies are:

react-which allows us to write our special JSX code and allows rendering of elements to dom with special syntax

react-dom-package,takes special syntax and render into element.

We need to import package allows our ide ,to recognize special react js which is unique syntax.

Add extension manager jsx

Install jsx hint and reactjs plugin in brackets to understand the code.

React-allows u to create components

Create component at one time,create its own css and layout..if u ever has to use it include it as a html tag ex: <App/>

Ex6—compiler r transformer turns one lang to another language.

Create js and css folders in public under project

Include bootstrap.min.js,thether.min.js,jquery.min.js in js folder and bootstarp.min.css in css folder.

Insert products in swagshop

> db.products.insert({"price":40.99,"title":"Vault Boy Bobble Head","imgUrl":"https://s3-us-west-2.amazonaws.com/devslopesvideo/vault.JPG"})

WriteResult({ "nInserted" : 1 })

> db.products.insert({"price":129.50,"title":"Link's Shield","imgUrl":"https://s3-us-west-2.amazonaws.com/devslopesvideo/shield.JPG"})

WriteResult({ "nInserted" : 1 })

> db.products.insert({"price":400,"title":"Lancer","imgUrl":"https://s3-us-west-2.amazonaws.com/devslopesvideo/lancer.jpg"})

WriteResult({ "nInserted" : 1 })

> db.products.find({}).pretty()

{

"\_id" : ObjectId("59e967a37368840c787162cf"),

"price" : 23.99,

"title" : "Vault Boy Bobble Head",

"likes" : 0,

"\_\_v" : 0

}

{

"\_id" : ObjectId("59e96b35dd964b0c98274ac4"),

"price" : 2.99,

"title" : "Link's Shield",

"likes" : 0,

"\_\_v" : 0

}

{

"\_id" : ObjectId("59e96b51dd964b0c98274ac5"),

"price" : 203.45,

"title" : "Ash's Chainsaw",

"likes" : 0,

"\_\_v" : 0

}

{

"\_id" : ObjectId("59efef7b9cdf498e14b944dd"),

"price" : 40.99,

"title" : "Vault Boy Bobble Head",

"imgUrl" : "https://s3-us-west-2.amazonaws.com/devslopesvideo/vault.JPG"

}

{

"\_id" : ObjectId("59efefb29cdf498e14b944de"),

"price" : 129.5,

"title" : "Link's Shield",

"imgUrl" : "https://s3-us-west-2.amazonaws.com/devslopesvideo/shield.JPG"

}

{

"\_id" : ObjectId("59efefe39cdf498e14b944df"),

"price" : 400,

"title" : "Lancer",

"imgUrl" : "https://s3-us-west-2.amazonaws.com/devslopesvideo/lancer.jpg"

}

> exit

in the swagshop-web>

npm install –save whatwg-fetch //this is a library that makes webrequests for us. Standard js http request for us

react is just a front end frame work api

poplar framework in paradigm

is flux invented by facebook it is an architecture for data flow through app..it is very complex.

Redux-implementation of flux but it is easier to use.

Build very own data service and very own notification service

Singleton pattern (pgmg design principle) and notification or observant patter.

Have an central store for data and we going to post notifications that components can listen to and no one can refresh.

Here when we click “add to wishlist” button it has add the item to wishlist without having any connection to each other using observing pattern

Singleton – only ever one instance in the memory.

And

Components don’t link to each other and they just know when they have to update using the notification

Notification service:

We store a list of observers , when ever a component registers as observer then it receives when it times to be notified.