**5 – Master Project Forms + Components**

**CollectionPreview.jsx**

**const CollectionsPreview = ({title,items}) =>{**

**return(**

**<div className="collections-preview">**

**<h1 className="title">{title.toUpperCase()}</h1>**

**<div className="preview">**

**{items.filter((item,idx)=>idx<4) *// to display only four items***

**.** **map(({id,...otherCollectionItems})=>** // filter and map

**<CollectionsItems key={id} {...otherCollectionItems}/> </div> </div>**

**Shopdata.js**

**const SHOP\_DATA = [**

{

id: 1,

title: 'Hats',

routeName: 'hats',`

items: [

{

id: 1,

name: 'Brown Brim',

imageUrl: 'https://i.ibb.co/ZYW3VTp/brown-brim.png',

price: 25

},

**Export default SHOP\_DATA;**

**Shop Page component:** it has all the items

**import SHOP\_DATA from './shopdata';**

class ShopPage extends React.Component {

constructor(){

super();

this.state ={

**collections :SHOP\_DATA**

}

}

render(){

return(

<div>

**{this.state.collections.map(({id,...otherCollectionProps}) => <CollectionsPreview key={id} {...otherCollectionProps}/**>

)}

</div>

)

}

}

**Header Component:** it remains the same for every page

**App.js**

return (

<div>

**<Header />**

<Switch>

<**Route exact path='/' component={HomePage}/>**

**<Route exact path='/shop' component={ShopPage}/> }**

</Switch>

</div>

);}

**Header.jsx**

**import {ReactComponent as Logo} from '../../assets/crown.svg';**

**import {Link} from 'react-router-dom';**

const Header = () =>(

<div className="header">

<Link className="logo-container" to="/">

**<Logo />**

</Link>

<div className="options">

**<Link** className="options" **to="/shop">**

shop

**</Link>**

<Link className="options" to="/shop">

contact

</Link>

</div>

</div>

**Crown.svg**

**// svg icons are scalable vector graphics that is really small but looks the same how small or how large it is expanded**

**Custom-Button component:**

font-weight: bolder;

border: none;

cursor: pointer;

&:hover {

background-color: white;

color: black;

border: 1px solid black;

} }

**custom-button.style.scss**

**.**custom-button {

min-width: 165px;

width: auto;

height: 50px;

letter-spacing: 0.5px;

line-height: 50px;

padding: 0 35px 0 35px;

font-size: 15px;

background-color: black;

color: white;

text-transform: uppercase;

font-family: 'Open Sans Condensed';

**signincomponent.jsx** // inside form button submit

**<CustomButton type="submit" value="signin"> SignIn </CustomButton>**

**sign-in-and-sign-up-page.jsx**

import React from 'react';

import './custom-button.style.scss';

const **CustomButton** =({children,...otherButtonProps}) => (

<button className='custom-button' **{...otherButtonProps}** >

**{children}**

</button>

)export default CustomButton;

**Signin Component:**

**sign-in-and-sign-up-page.jsx**

import React from 'react';

import './sign-in-and-sign-up-style.scss';

import SignIn from '../../components/singin/signin.component';

const SignInAndSignUp = ()=> (

**<div className="sign-in-and-sign-up"> <SignIn /> </div>**

);

export default SignInAndSignUp;

**form-input.style.scss**

**$sub-color: grey;**

**$main-color: black;**

**Variables that can be used anywhere**

**@mixin shrinkLabel {**

top: -14px;

font-size: 12px;

color: $main-color;

}**// reusable components**

.group {

position: relative;

margin: 45px 0;

.form-input {

background: none;

background-color: white;

**color: $sub-color;**

font-size: 18px;

padding: 10px 10px 10px 5px;

display: block;

width: 100%;

border: none;

border-radius: 0;

border-bottom: 1px solid $sub-color;

margin: 25px 0;

&:focus {

outline: none;

}

**&:focus ~ .form-input-label {**

**@include shrinkLabel();**

}

}

input[type='password'] {

letter-spacing: 0.3em;

}

.form-input-label {

color: $sub-color;

font-size: 16px;

font-weight: normal;

position: absolute;

pointer-events: none;

left: 5px;

top: 10px;

**transition: 300ms ease all;**

&.shrink {

@include shrinkLabel();

}

}

}

**signincomponent.jsx**

this.state ={

email:'',

password:'',

}

**handleSubmit = (event) =>{**

**event.preventDefault(); // to have form under our control**

**this.setState({email:'',password:''});**

**}**

**handleChange = (event)=>{**

**const {name,value}=event.target;**

**this.setState({[name]:value});**

**}**

render(){

return(

<div className="signin" >

<h2>I already have an account &darr; </h2>

<span> signin using email and password</span>

**<form onSubmit={this.handleSubmit}>**

**<FormInput onChange={this.handleChange}**

type="email" name="email" value={this.state.email}/><label>Email</label>

<FormInput onChange={this.handleChange}

type="password" name="password" value={this.state.password}/><label>Password</label>

<input type="submit" value="signin"/>

</form>

</div>

) }}

This is passes to form-input component to modify

**form-input.component.jsx**

import React from 'react';

import './form-input.style.scss';

const FormInput = ({handleChange,label,...otherProps}) =>(

<div className="group">

**<input class='form-input' onChange={handleChange} {...otherProps}/>**

**{**

**label ?**

**<label className={`${otherProps.value ?'shrink':''} form-input-label`} >**

**{label}**

**</label>**

**:**

**null**

**}**

</div>

) export default FormInput;