

## ProjectDevelopmentPhas

### eSprint – 1

#### SourceCode

Date	28OCTOBER2022
TeamID	PNT2022TMID23145
ProjectName	PersonalExpenseTracker
MaximumMarks	8Marks

#### App.js

```
import React from 'react';
import {BrowserRouter, Routes, Route,} from "react-router-dom";
import Home from './routes/home/Home';
import Login from './routes/forms/login/Login';
import Register from './routes/forms/register/Register';
const App = () => {
  return (
    <BrowserRouter>
      <Routes>
        <Route path="/" element={<Home/>} />
        <Route exact path="/login" element={<Login/>} />
        <Route exact path="/register" element={<Register/>} />
      </Routes>
    </BrowserRouter>
  );
};
export default App;
```

#### App.css

```
.App {
  text-align: center;
}
```

```

.App-
  logo{height:40v
    min;
    pointer-events:none;
  }
@media(prefers-reduced-motion:no-preference){
  .App-logo{
    animation:App-logo-spininfinite20slinear;
  }
}
.App-header{
  background-
  color:#282c34;min-
  height:100vh;
  display:flex;
  flex-
  direction:column;alig
  n-items:center;justify
  -content:center;
  font-
  size:calc(10px+2vmin);color:whi
  te;
}
.App-
  link{color:#61
  dafb;
}
@keyframes App-logo-
  spin{from{
    transform:rotate(0deg);
  }
  to{

```

```
transform:rotate(360deg);  
}
```

```
}
```

## **index.js**

```
import React from 'react';
import ReactDOM from 'react-dom';
import App from './App';
import './index.css';
ReactDOM.render(
  <React.StrictMode>
    <App />
  </React.StrictMode>, document.getElementById
    ('root')
);
```

## **index.css**

```
#root, body, html { height: 100%; margin: 0; }
body {
  background: linear-gradient(rgba(0,0,0,0.5), rgba(0,0,0,0.5)), url(./assets/background-
img.jpeg);
  background-size: cover;
}
```

## **.routes/forms/formInput/FormInput.js**

```
import React, { useState } from 'react';
import './formInput.css';
const FormInput = (props) => {
  const [focused, setFocused] = useState(false);
```

```

const {label, errorMessage, onChange, id, ...inputProps} = props;
const handleFocus = (e) => {
  setFocused(true);
};
return (
  <div className="formInput">
    <label className="labelField">{label}</label>
    <input
      {...inputProps} className="
      e="inputField" onChange
      = {onChange} onBlur={handleFocus}
      onFocus={() => inputProps.name ===
        "confirmPassword" && setFocused(true)} focused={focused.toString()} />
    <span className="errorMessage">{errorMessage}</span>
  </div>
);
};
export default FormInput;

```

## **.routes/forms/formInput/formInput.css**

```

.inputField {padding:
  15px; margin: 10px;
  border-radius: 10px;
  border: 1px solid #1221030;
}
.formInput {display:
  flex;
  flex-direction: column;

```

```

        width:280px;
    }
    .labelField{
        font-
        size:12px;color:rgb
        (50,50,0);
    }
    .errorMessage{f
        ont-
        size:10px;pad
        ding:3px;color:
        red;display:no
        ne;
    }
    .inputField:invalid[focused="true"]{bord
        er:1pxsolidred;
    }
    .inputField:invalid[focused="true"]~span{display:
        block;
    }

```

### **.routes/forms/login/Login.js**

```

import React,{useState}from'react';
import{Link,useNavigate,}from'react-router-
dom';importswalfrom'sweetalert';
importFormInputfrom'../formInput/FormInput';imp
ort'./login.css';

```

```

constLogin=()=>{
    constnavigate=useNavigate();
    const[values,setValues]=useState({u
        sername:"",

```

```

        password:"",
    });
    const {username,password}=values;const
    tinputs=[
        {
            id:1,
            name:"username",ty
            pe:"text",
            placeholder:"Username",la
            bel:"Username",
            errorMessage:"Usernameshouldbe3-
16charactersandshouldn'tincludeanyspecialcharacters",
            required:true,
            pattern:"^[A-Za-z0-9]{3,16}$",
        },
        {
            id:3,
            name:"password",ty
            pe:"password",
            placeholder:"Password",la
            bel:"Password",
            errorMessage:"Passwordshouldbe8-20charactersandincludeatleast1letter,1
numberand1specialcharacter",req
            uired:true,
            pattern:"^(?=.*[0-9])(?=.*[A-Za-z])(?=.*[!@#$%^&*])[a-zA-Z0-9!@#$%^&]{8,20}$",
        },
    ]
    consthandleSubmit=(e)=>{e.preventDefault()
    efault();
    if(username==="aaaa"&&password==="aaaa@1111"){

```

```

        swal("SuccessfullLogin","WelcometoDashboard","success");navigate(`/dashboard
        /${username}`);
    }
    else{
        swal("WrongCredentials","Pleasetryagain!","error");
    }
};
const onChange=(e)=>{
    setValues({...values,[e.target.name]:e.target.value});
};
return(
    <div className="login">
        <form className="loginForm" onSubmit={handleSubmit}>
            <h1 className="loginTitle">Login</h1>
            {inputs.map((input)=>(
                <FormInput key={input.
                    id}
                    {...input}
                    value={values[input.name]} onChange={onChange}
                />
            ))}

            <button className="loginBtn">Login</button>

            <div>
                <p style={{fontSize:"14px",marginBottom:"30px"}}>Newuser?<Link to="
/register" className="registerLink">Click to Register</Link></p>
            </div>
        </form>
    </div>
);
};

```



```
export default Login;
```

## **.routes/forms/login/login.css**

```
.login{
  display:flex;
  align-
  items:center;justify-
  content:center;heigh
  t:100vh;
}
.loginForm{
  background-
  color:rgb(244228140);padding:0px 60px;
  border-radius:10px;
}
.loginTitle{
  color:rgb(1391202);
  text-
  align:center;margin-
  top:30px;
}
.loginBtn{width:
  100%;height:5
  0px;padding:
  10px;border:n
  one;
  background-
  color:rgb(1391202);color:white;
  border-
  radius:10px;font-
  weight:600;font-
  size:18px;cursor:p
  ointer;
```

```

margin-
top:15px;margin-
bottom:15px;
}
.loginBtn:hover{
background-color:rgb(246235172);
color:rgb(1391202);
border:2pxsolidrgb(1391202);
}
.registerLink{
text-
decoration:none;ma
rgin-
left:5px;color:rgb(72
621);
font-weight:500;
}

```

### **.routes/forms/register/Register.js**

```

import React,{useState}from'react';
import{Link,useNavigate}from'react-router-
dom';importFormInputfrom'../formInput/FormInp
ut';import'./register.css';

```

```

constRegister={()=>{

```

```

constnavigate=useNavigate();

```

```

const[values,setValues]=useState({u

```

```

  sername:"",

```

```

  email:"",

```

```

  password:"",confirmPa

```

```

  ssword:"",

```

```
});
```

```
const {username} = values;
```

```
const inputs = [
```

```
{
```

```
  id: 1,
```

```
  name: "username", type:
```

```
  type: "text",
```

```
  placeholder: "Username", label:
```

```
  label: "Username",
```

```
  errorMessage: "Usernames should be 3-16 characters and shouldn't include any special characters",
```

```
  required: true,
```

```
  pattern: "^[A-Za-z0-9]{3,16}$",
```

```
},
```

```
{
```

```
  id: 2,
```

```
  name: "email",
```

```
  type: "email", placeholder:
```

```
  placeholder: "Email", label: "Email",
```

```
  label: "Email",
```

```
  errorMessage: "It should be a valid email address", required:
```

```
  required: true,
```

```
},
```

```
{
```

```
  id: 3,
```

```
  name: "password", type:
```

```
  type: "password",
```

```
  placeholder: "Password",
```

```

      label:"Password",
      errorMessage:"Passwords should be 8-
20 characters and include at least 1 letter, 1 number and 1 special character",
      required:true,
      pattern:"^(?=.*[0-9])(?=.*[A-Za-z])(?=.*[!@#$%^&*])[a-zA-Z0-9!@#$%^&*]{8,20}$",
    },
    {
      id:4,
      name:"confirmPassword",
      type:"password",
      placeholder:"Confirm Password",
      label:"Confirm Password",
      errorMessage:"Passwords don't match",
      required:true,
      pattern:values.password,
    },
  ],

```

```

const handleSubmit=(e)=>{e.preventDefault();
navigate(`/dashboard/${username}`);
};

```

```

const onChange=(e)=>{
  setValues({...values,[e.target.name]:e.target.value});
};

```

```

return(
  <div className="register">

```

```

    <form className="registerForm" onSubmit={handleSubmit}>
      <h1 className="registerTitle">Register</h1>
      {inputs.map((input)=>(
        <FormInput key={input.
          id}
          {...input}
          value={values[input.name]} onChange={onChange}
        />
      ))}

      <button className="registerBtn">Submit</button>

      <div>
        <p style={{fontSize:"14px",marginBottom:"30px"}}>Already have an account?<Link to="/login" className="loginLink">Click to Login</Link></p>
      </div>
    </form>
  </div>
);
};

```

```
export default Register;
```

## **.routes/forms/register/register.css**

```
.register
```

```

  {display: flex;
  align-
  items: center; justify-
  content: center; height:
  100vh;
}
```

```
.registerForm{
```

```
background-  
color:rgb(244228140);padding:0px 60px;  
border-radius:10px;  
}
```

```
.registerTitle{  
color:rgb(1391202);  
text-  
align:center;margin-  
top:30px;  
}
```

```
.registerBtn{width  
h:100%;height:  
50px;padding:  
10px;border:n  
one;  
background-  
color:rgb(1391202);color:white;  
border-  
radius:10px;font-  
weight:bold;font-  
size:18px;cursor:poi  
nter;margin-  
top:15px;margin-  
bottom:15px;  
}
```

```
.registerBtn:hover{  
background-color:rgb(246235172);  
color:rgb(1391202);
```

```
border:2pxsolidrgb(1391202);  
}
```

```
.loginLink{  
  text-  
  decoration:none;ma  
  rgin-  
  left:5px;color:rgb(72  
  621);  
  font-weight:500;  
}
```