

Project Development Phase

Sprint – 1

SourceCode

<i>Date</i>	<i>28th OCTOBER 2022</i>
<i>Team ID</i>	<i>PNT2022TMID23198</i>
<i>Project Name</i>	<i>Personal Expense Tracker</i>
<i>Maximum Marks</i>	<i>8Marks</i>

App.js

```
Import Reactfrom'react';

import{BrowserRouter,Routes,Route,}from"react-router-
dom";import Homefrom'./routes/home/Home';
importLoginfrom'./routes/forms/login/Login';imp
ortRegisterfrom'./routes/forms/register/Register';
constApp=(()=>>{
  return(
    <BrowserRouter>
      <Routes>
        <Routepath="/"element={<Home/> }/>
        <Routeexactpath="/login"element={<Login/> }/>
        <Routeexactpath="/register"element={<Register/> }/>
      </Routes>
    </BrowserRouter>
  );
};
exportdefaultApp;
```

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
  t: 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={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 0px;
  border-radius: 10px;
  border: 1px solid rgb(122 103 0);
}
.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;cons
    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}$",
        },
        {
            id:3,
            name:"password",ty
            pe:"password",
            placeholder:"Password",la
            bel:"Password",
            errorMessage:"Passwordsouldbe8-20charactersandincludeatleast1letter,1
numberand1specialcharacter",req
            uired:true,
            pattern:"^(?=.*[0-9])(?=.*[A-Za-z])(?=.*[!@#%&*])[a-zA-Z0-9!@#%&*]{8,20}$",
        },
    ]
    consthandleSubmit=(e)=>{e.preventDefault()
    efault();
    if(username=== "aaaa"&&password=== "aaaa@1111"){

```

```

        swal("SuccessfullLogin", "WelcometoDashboard", "success");navigate(`/dashboard
        /${username}`);
    }
    else{
        swal("WrongCredentials", "Pleasetryagain!", "error");
    }
};
constonChange=(e)=>{
    setValues({...values,[e.target.name]:e.target.value});
};
return(
    <divclassName="login">
        <formclassName="loginForm"onSubmit={handleSubmit}>
            <h1className="loginTitle">Login</h1>
            {inputs.map((input)=>(
                <FormInputkey={input.
                    id}
                    {...input} value={values[input.name]}onChange={onChange}
                />
            ))}

            <buttonclassName="loginBtn">Login</button>
        </div>
        <pstyle={{fontSize:"14px",marginBottom:"30px"}}>Newuser?<Linkto="
/register"className="registerLink">ClicktoRegister</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

```

importReact,{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: "Username 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",
```

```
  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;  
}
```