

## PROJECT DEVELOPMENT PHASE

### SPRINT - 1

Date	29 October 2022
Team ID	PNT2022TMID30278
Project Name	Smart Solutions for Railways

#### Form.css :

```
*{
    margin: 0;
    padding: 0;
    box-sizing: border-box;
}

*:focus{
    outline: none;
}

body{
    position: relative;
    width: 100%;
    min-height: 100vh;
    height: auto;
    display: flex;
    justify-content: center;
    align-items: center;
    background: url('https://images.pexels.com/photos/258444/pexels-photo-258444.jpeg?auto=compress&cs=tinysrgb&w=1260&h=750&dpr=1');
    background-size: cover;
    background-position: center;
    font-family: 'roboto', sans-serif;
}

.form{
    width: 350px;
    height: auto;
    color: rgb(251, 248, 248);
    font-family: 'roboto', sans-serif;
}

.heading{
    text-transform: capitalize;
    text-align: center;
    font-size: 80px;
```

```

        font-weight: 300;
        margin-bottom: 50px;
    }

    input,
    .submit-btn{

        width: 80%;
        height: 35px;
        display: block;
        margin: 20px auto;
        border-radius: 5px;
        background: rgba(255, 255, 255, 0.3);
        border: none;
        color: #fff;
        padding: 15px;
        transition: .5s;
        text-transform: capitalize;
    }

    input::placeholder{
        color: #fff;
    }

    input:focus,
    .submit-btn:hover{
        background: #fff;
        color: #000;
    }

    input:focus::placeholder{
        color: #000;
    }

    .submit-btn{
        width: auto;
        padding: 0 20px;
        cursor: pointer;
        margin: 50px auto 0;
    }

    .link{

        text-align: center;
        text-transform: capitalize;
    }

```

```

        color: rgba(255, 255, 255, 0.5);
        display: block;
        margin: 30px auto;
    }

    .link:hover{
        color: #fff;
    }

    .alert-box{
        position: absolute;
        top: -100%;
        left: 50%;
        transform: translateX(-50%);
        min-width: 150px;
        max-width: 90%;
        width: auto;
        height: auto;
        padding: 10px;
        text-transform: capitalize;
        background: rgb(255, 119, 119);
        border-top: 10px solid rgb(255, 37, 37);
        border-bottom-left-radius: 10px;
        border-bottom-right-radius: 10px;
        color: #fff;
        font-family: 'roboto', sans-serif;
        text-align: center;
        transition: 1s;
    }

```

## **Form.js :**

```
const form = [...document.querySelector('.form').children];
```

```

    form.forEach((item, i) => {
        setTimeout(() => {
            item.style.opacity = 1;
        }, i*100);
    })

    window.onload = () => {
        if(sessionStorage.name){
            location.href = '/';
        }
    }

```

```

// form validation

const name = document.querySelector('.name') || null;
const email = document.querySelector('.email');
const password = document.querySelector('.password');
const submitBtn = document.querySelector('.submit-btn');

if(name == null){ // means login page is open
  submitBtn.addEventListener('click', () => {
    fetch('/login-user',{
      method: 'post',
      headers: new Headers({'Content-Type': 'application/json'}),
      body: JSON.stringify({
        email: email.value,
        password: password.value
      })
    })
    .then(res => res.json())
    .then(data => {
      validateData(data);
    })
  })
} else{ // means register page is open

  submitBtn.addEventListener('click', () => {
    fetch('/register-user', {
      method: 'post',
      headers: new Headers({'Content-Type': 'application/json'}),
      body: JSON.stringify({
        name: name.value,
        email: email.value,
        password: password.value
      })
    })
    .then(res => res.json())
    .then(data => {
      validateData(data);
    })
  })
}

const validateData = (data) => {
  if(!data.name){
    alertBox(data);
  } else{

```

```

        sessionStorage.name = data.name;
        sessionStorage.email = data.email;
        location.href = '/';
    }
}

const alertBox = (data) => {
    const alertContainer =
document.querySelector('.alert-box');
    const alertMsg =
document.querySelector('.alert');
    alertMsg.innerHTML = data;

    alertContainer.style.top = `5%`;
    setTimeout(() => {
        alertContainer.style.top = null;
    }, 5000);
}

```

## **Home.css :**

```

*{
    margin: 0;
    padding: 0;
    box-sizing: border-box;
}

body{
    position: relative;
    width: 100%;
    min-height: 100vh;
    height: auto;
    display: flex;
    justify-content: center;
    align-items: center;
    background: url('https://images.pexels.com/photos/325200/pexels-photo-325200.jpeg?auto=compress&cs=tinysrgb&dpr=1&w=500');
    background-size: cover;
    background-position: center;
    font-family: 'roboto', sans-serif;
}

```

```
.container{  
    position: relative;  
    width: 90%;  
    height: 87vh;  
    border: 5px solid #fff;  
    display: flex;  
    justify-content: center;  
    align-items: center;  
}
```

```
.logout{  
    position: absolute;  
    top: 10px;  
    right: 0;  
    padding: 10px 20px;  
    text-transform: capitalize;  
    font-size: 16px;  
    color: #fff;  
    background: none;  
    text-decoration: underline;  
    cursor: pointer;  
    outline: none;  
    border: none;  
}
```

```
.greeting{  
    font-family: 'dosis';  
    font-size: 100px;  
    color: #fff;  
    font-weight: 800;  
    text-transform: capitalize;  
}
```

## Home.js :

```
const greeting = document.querySelector('.greeting');

window.onload = () => {
  if(!sessionStorage.name){
    location.href = '/login';
  } else{
    greeting.innerHTML = `hello ${sessionStorage.name}`;
  }
}

const logOut = document.querySelector('.logout');

logOut.onclick = () => {
  sessionStorage.clear();
  location.reload();
}
```

## Index.html :

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Home Page</title>

  <link rel="stylesheet" href="css/home.css">

</head>
<body>

  <div class="container">
    <button class="logout">log out</button>
    <h1 class="greeting"></h1>
  </div>
```

```
<script src="js/home.js"></script>

</body>
</html>
```

### **Login.html :**

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Login Page</title>

  <link rel="stylesheet" href="css/form.css">

</head>
<body>

  <div class="alert-box">
    <p class="alert"></p>
  </div>

  <div class="form">
    <h1 class="heading">login</h1>
    <input type="email" placeholder="email" autocomplete="off" class="email"
required>
    <input type="password" placeholder="password" autocomplete="off"
class="password" required>
    <button class="submit-btn">log in</button>
    <a href="/register" class="link">don't have an account? Register one</a>
  </div>

  <script src="/public/js/form.js"></script>

</body>
</html>
```



## Register.html :

```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Register Page</title>


    <link rel="stylesheet" href="css/form.css">


</head>

<body>


    <div class="alert-box">
        <p class="alert"></p>
    </div>


    <div class="form">
        <h1 class="heading">Register</h1>
        <input type="text" placeholder="name" autocomplete="off" class="name" required>
        <input type="email" placeholder="email" autocomplete="off" class="email" required>
        <input type="password" placeholder="password" autocomplete="off" class="password"
required>
        <button class="submit-btn">register</button>
        <a href="/login" class="link">already have an account ? log in here</a>
    </div>


    <script src="/public/js/form.js"></script>


</body>

</html>
```

## Test Case :

