

index.html

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>

</head>

<body>

  <h1>Welcome to Chitkara</h1>

  <a href="/signup.html">SignUp</a>

  <br><br>

  <a href="/signin.html">SignIn</a>

</body>

</html>
```

signup.html:

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
```

```
<body>
```

```
<form id="formId">
```

```
<label for="email">Enter Email/Username:</label>
```

```
<input type="email" id="email" name="email" required>
```

```
<br><br>
```

```
<label for="password">Enter Password: </label>
```

```
<input type="password" id="password" name="password" required>
```

```
<br><br>
```

```
<label for="mobile">Enter Mobile number: </label>
```

```
<input type="number" name="mobile" id="mobile" required>
```

```
<br><br>
```

```
<label>Select Gender: </label>
```

```
<input type="radio" name="gender" id="male" value="Male">
```

```
<label for="male">Male</label>
```

```
<input type="radio" name="gender" id="female" value="Female">
```

```
<label for="female">Female</label>
```

```
<br><br>
<input type="submit" value="SignUp">

</form>

<script>

    //getting the initial value from the localStorage
    let allSignUpDataArray =
JSON.parse(localStorage.getItem("signupData")) || [];

    const formElement = document.getElementById("formId");

    formElement.addEventListener("submit", function (e) {

        e.preventDefault();

        //collecting the form data
        let formData = new FormData(e.target);

        //checking username is already registered or not ?
        let userAlreadyExist = false;

        for (let i = 0; i < allSignUpDataArray.length; i++) {
            let user = allSignUpDataArray[i];

            if (user.email === formData.get("email")) {
                userAlreadyExist = true;
            }
        }

        if (userAlreadyExist) {
            alert("User Email is already exist..Please try with another
Email");
        } else {

            //converting form data to the JavaScript object.
```

```
        let obj = {};  
  
        formData.forEach(function(v, k){  
            obj[k] = v;  
        });  
  
        //appending the new user details to the localStorage  
        allSignUpDataArray.push(obj);  
  
        let allSignUpDataArrayJson =  
JSON.stringify(allSignUpDataArray);  
  
        localStorage.setItem("signupData",  
allSignUpDataArrayJson);  
  
        console.log(allSignUpDataArray);  
  
        alert("User Registered Sucessfully !");  
  
        formElement.reset();  
  
    }  
  
});  
  
</script>
```

```
</body>
```

```
</html>
```

signin.html:

```
<!DOCTYPE html>  
<html lang="en">
```

```
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
```

```
<body>
```

```
  <form id="formId">
```

```
    <label for="email">Enter Username:</label>
```

```
    <input type="email" name="email" id="email" required>
```

```
    <br><br>
```

```
    <label for="password">Enter Password:</label>
```

```
    <input type="password" name="password" id="password" required>
```

```
    <br><br>
```

```
    <input type="submit" value="SignIn">
```

```
  </form>
```

```
  <script>
```

```
    //function to check username or password against the localStorage
```

```
    function validateUser(username, password) {
```

```
      console.log(username);
```

```
      console.log(password);
```

```

        let flag=false;

        let allSignUpDataArray =
JSON.parse(localStorage.getItem("signupData")) || [];

        for(let i=0;i<allSignUpDataArray.length;i++){

            let user= allSignUpDataArray[i];

            if(user.email === username && user.password === password){
                flag=true;
            }
        }

        return flag;
    }

    const formElement = document.getElementById("formId");

    formElement.addEventListener("submit", function (e) {

        e.preventDefault();

        let formData = new FormData(e.target);

        //getting the user entered username and password;
        let enteredUsername= formData.get("email");
        let enteredPassword = formData.get("password");

        let isValid= validateUser(enteredUsername, enteredPassword);

        if(isValid){
            window.location.href =
"./homepage.html?uname="+enteredUsername;
        }else{
            alert("Invalid Username or Password, please try again");
        }

    });

```

```
</script>
```

```
</body>
```

```
</html>
```

homepage.html:

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

  <h1>Welcome Page</h1>

  <button>Get Profile</button>

  <div id="profile"></div>

<script>

const urlParams = new URLSearchParams(window.location.search);

// Get the username from the query parameters
let username = urlParams.get("uname");

let h1Element= document.querySelector("h1");
```

```
h1Element.innerText="Welcome "+username;

let buttonElement= document.querySelector("button");

buttonElement.addEventListener("click", function(){

    let profileDiv= document.getElementById("profile");

    let allSignUpDataArray= JSON.parse(localStorage.getItem("signupData"))
    || [];

    for(let i=0;i<allSignUpDataArray.length;i++){

        let user= allSignUpDataArray[i];

        if(user.email === username){

            let p_nameElement= document.createElement("p");
            p_nameElement.innerText="Username is:"+user.email;

            let p_genderElement= document.createElement("p");
            p_genderElement.innerText="Gender is:"+user.gender;

            profileDiv.append(p_nameElement,p_genderElement);

        }

    }

});

</script>

</body>

</html>
```


