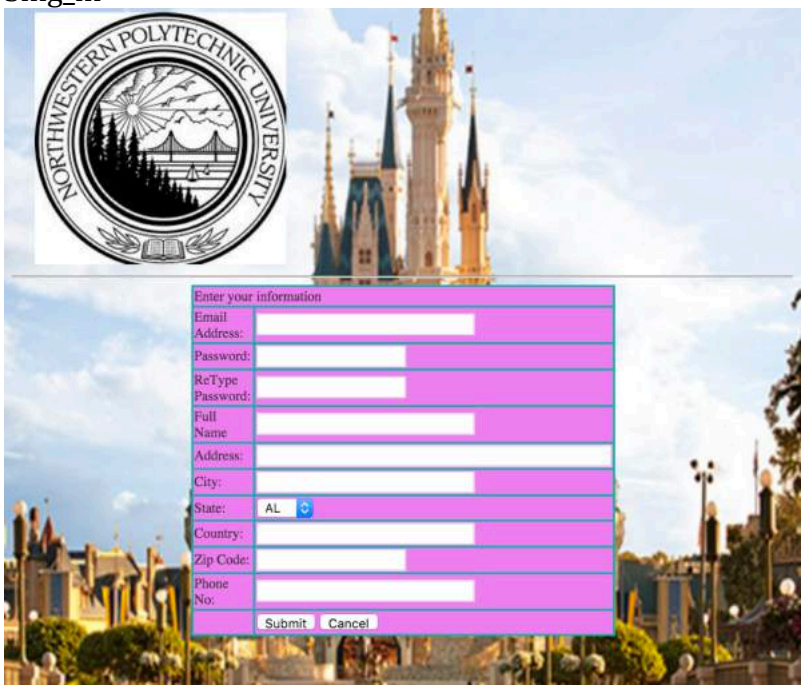
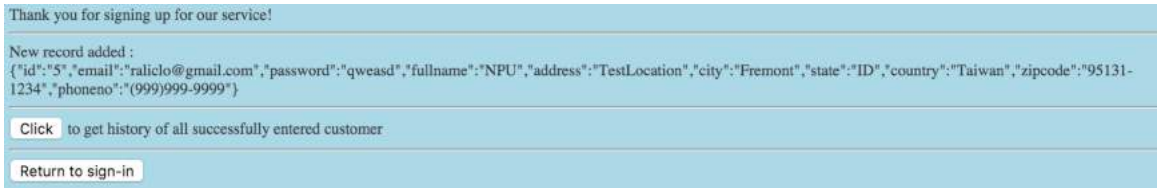
CS557(A)-HW1-13108-Weishun

Sing_in



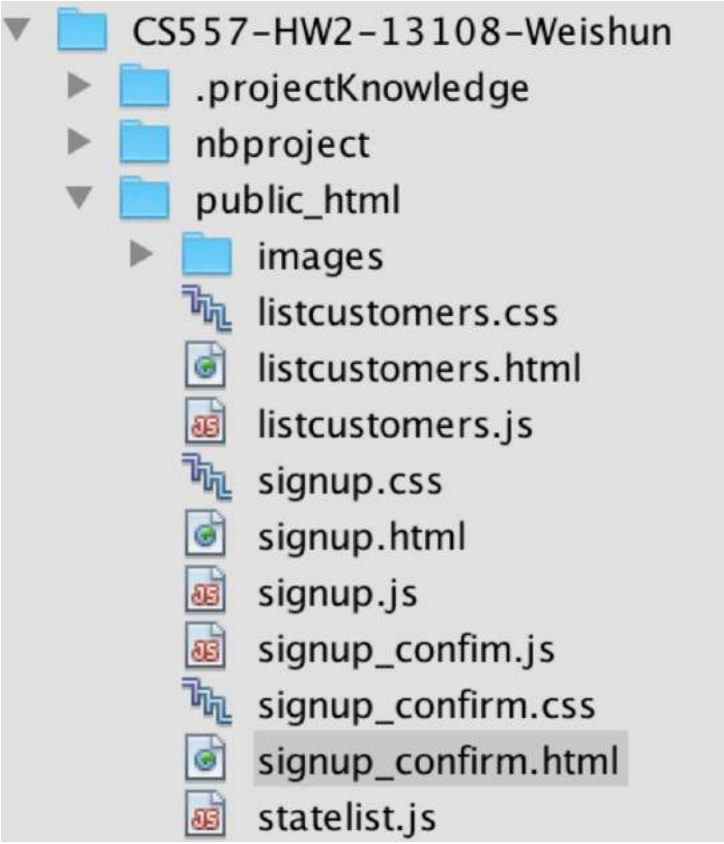
validataions

After submit the signup form



List all customers using localStorage

Source Code:



signup—html, css, javascript

HTML

```
<!DOCTYPE html>
<!--
Student Info: Name=Lo,WeiShun , ID= 13108
Subject: CS557_HWNo2_Summer_2015
Author: raliclo
Filename: index.html
Date and Time: Feb 3, 2016 4:25:26 PM
Project Name: HTML5Application
-->
<html>
  <head>
    <title> Sing up page</title>
    <link  rel="stylesheet" type="text/css"  href="signup.css">
    <script src="signup.js" type="text/javascript"></script>
    <script src="statelist.js" type="text/javascript"></script>
  </head>
  <body>
```

```
    <div class="logo"></div>
    <hr>
    <div>
      <form action="signup_confirm.html" method="post"
onchange="validate(this)"
          onsubmit="  if (validate(this) === false) {
                  return false;
              } else
                  addcustomer(this);"
          id="userData">
          <table border="1" >
            <tr><td colspan="2" align="center">Enter your information</td></tr>
            <tr><td>Email Address: </td><td><input size="30" type="text"
name="emailaddress" >
                  <span id="emailmsg"></span></td></tr>
            <tr><td>Password: </td><td><input size="20" type="password"
name="password" >
                  <span id="passwdmsg"></span></td></tr>
            <tr><td>ReType Password:  </td><td><input size="20" type="password"
name="repassword">
                  <span id="repasswdmsg"></span></td></tr>
            <tr><td>Full Name  </td><td><input size="30" type="text"
name="fullname" >
                  <span id="usrmsg"></span></td></tr>
            <tr><td>Address:  </td><td><input size="50" type="text"
name="address"></td></tr>
            <tr><td>City:  </td><td><input size="30" type="text"
name="city"></td></tr>
            <tr><td>State:  </td><td>
                  <select name="state" id="statepop0"></select>
                </td></tr>
            <tr><td>Country:  </td><td><input size="30" type="text"
name="country"></td></tr>
            <tr><td>Zip Code:  </td><td><input size="20" type="text"
name="zipcode">
                  <span id="zipmsg"></span></td></tr>
            <tr><td>Phone No:  </td><td><input size="30" type="text"
name="phoneno" >
                  <span id="phonemsg"></span></td></tr>
            <tr><td></td><td>
                  <input type="submit" name="submit" value="Submit"
class="submits">
                  <input type="reset" value="Cancel" class="submits"></td></tr>
          </table>
        </form>
    </div>
```

```
      <script>
         statesPop_byID("statepop0");
      </script>
   </body>
</html>
```

CSS

```
/*
Student Info: Name=Lo,WeiShun , ID= 13108
Subject: CS557-HW2_Summer_2015
Author: raliclo
Filename: signup.css
Date and Time: Feb 8, 2016 6:34:20 PM
Project Name: CS557-HW2-13108-Weishun
*/
/*
   Created on : Feb 8, 2016, 6:34:20 PM
   Author     : raliclo
*/
* {
   max-height: 100%;
   max-width: 100%;
}
.logo {
      margin: 0 0 10px 20px;
      height : 220px;
      width : 220px;
      text-align: center;
      background-image: url("./images/npulogo.jpeg");
}
body {
          font-size: 75.5%;
          font-family: Myriad Pro;
          color: #333;
      background-image: url("./images/disney.jpg");
      background-size: 960px 640px;
      background-repeat: no-repeat;
      background-attachment: fixed;
      background-position: center;
}
table {
   margin:auto;
   width :50%;
   border-collapse: collapse;
   background-color: violet;
}
```

```
th {
   height: 100px;
}
td {
   border-width: 2px;
   border-color: lightseagreen;
   border-style: solid;
   text-align: left;
}
.submits {
   height : 35px;
}
```

JAVASCRIPT

```
/*
 * Student Info: Name=Lo,WeiShun , ID= 13108
 * Subject: CS557_HWNo2_Summer_2015
 * Author: raliclo
 * Filename: signup.js.js
 * Date and Time: Feb 3, 2016 4:28:19 PM
 * Project Name: CS557-HW2-13108-Weishun
 */

//localStorage.removeItem("counts");
if (localStorage.counts === undefined) {
   localStorage.counts = Number("0");
}
var validate = function (userForm) {
   var errs = 0;
   // Check email
   var div = document.getElementById("emailmsg");
   div.style.color = "red";
   if (div.hasChildNodes())
   {
      div.removeChild(div.firstChild);
   }
   regex = /(^\w+\@\w+\.\w+)/;
   match = regex.exec(userForm.emailaddress.value);
   if (!match)
   {
      div.appendChild(document.createTextNode("Invalid Email"));
      userForm.emailaddress.focus();
      errs++;
   }
   // Check password
   div = document.getElementById("passwdmsg");
   div.style.color = "red";
```

```
  if (div.hasChildNodes())
  {
    div.removeChild(div.firstChild);
  }
  if (userForm.password.value.length <= 5)
  {
    div.appendChild(document.createTextNode("The password should be of at least
size 6"));
    userForm.password.focus();
    errs++;
  }
  div = document.getElementById("repasswdmsg");
  div.style.color = "red";
  if (div.hasChildNodes())
  {
    div.removeChild(div.firstChild);
  }
  if (userForm.password.value !== userForm.repassword.value)
  {
    div.appendChild(document.createTextNode("The two passwords don't
match"));
    userForm.password.focus();
    errs++;
  }
  // Check user
  div = document.getElementById("usrmsg");
  div.style.color = "red";
  if (div.hasChildNodes())
  {
    div.removeChild(div.firstChild);
  }
  if (userForm.fullname.value.length === 0)
  {
    div.appendChild(document.createTextNode("Name cannot be blank"));
    userForm.fullname.focus();
    errs++;
  }
  // Check zipcode
  div = document.getElementById("zipmsg");
  div.style.color = "red";
  if (div.hasChildNodes())
  {
    div.removeChild(div.firstChild);
  }
  if (userForm.zipcode.value.length === 0)
  {
```

```
      div.appendChild(document.createTextNode("ZipCode cannot be blank"));
      userForm.zipcode.focus();
      errs++;
   } else {
      var vZip = function (e) {
         return /^\d{5}(-\d{4})?$/.test(e);
      };
      if (!vZip(document.getElementsByName('zipcode')[0].value)) {
         div.appendChild(document.createTextNode("Error found in ZIP Code
format(XXXXX or XXXXX-XXXX)"));
         userForm.zipcode.focus();
         errs++;
      }
   }
   // Check US-Phone Number
   div = document.getElementById("phonemsg");
   div.style.color = "red";
   if (div.hasChildNodes())
   {
      div.removeChild(div.firstChild);
   }
   if (userForm.phoneno.value.length === 0)
   {
      div.appendChild(document.createTextNode("PhoneNo cannot be blank"));
      userForm.zipcode.focus();
      errs++;
   } else {
      var vPhone = function (e) {
         return /^\([0-9]{3}\)[0-9]{3}-[0-9]{4}$/.test(e);
      };
      if (!vPhone(document.getElementsByName('phoneno')[0].value)) {
         div.appendChild(document.createTextNode("Error found in PhoneNo format
(XXX)XXX-XXXX"));
         userForm.zipcode.focus();
         errs++;
      }
   }
   return errs === 0 ? true : false;
};


/*
 * Function to add customer info from form object
 * And store it as customerrData in String format at localStorage
 */
var addcustomer = function (userForm) {
```

```
    localStorage.counts++;
    var customer = {};
    customer.id = localStorage.counts;
    customer.email = userForm.emailaddress.value;
    customer.password = userForm.password.value;
    customer.fullname = userForm.fullname.value;
    customer.address = userForm.address.value;
    customer.city = userForm.city.value;
    customer.state = userForm.state.value;
    customer.country = userForm.country.value;
    customer.zipcode = userForm.zipcode.value;
    customer.phoneno = userForm.phoneno.value;
    // Convert the customer object into JSON data and save as local customerData
    var JSONobj = JSON.stringify(customer);
    localStorage.setItem("customerData", JSONobj);

    // Create variable "customers" to store all new objects
    var customers = [];
    // Recall localstorage if localCustomerDataAll exists
    if (localStorage.customerDataAll !== undefined)
    {
       customers = JSON.parse(localStorage.customerDataAll);
    }
    // Add new new customer into localstorage, in String format.
    customers.push(customer);
    localStorage.setItem("customerDataAll", JSON.stringify(customers));
//    alert(localStorage.customerData);
    return true;
};

/*
 * Function to recall customerrData from localStorage
 */
var getCustomer = function () {
    if (localStorage.customerData !== undefined) {
       var response = JSON.parse(localStorage.customerData);
       return response;
    }
//    var customerString = "";
//    customerString = localStorage.getItem("customerData");
//    return customerString;
    return '<h1>Error found in getting new customer info</h1>';
};


/*
```

```
 * Function to recall customerrDataAll from localStorage
 */
var getAllCustomer = function () {
   if (localStorage.customerDataAll !== undefined) {
      var response = JSON.parse(localStorage.customerDataAll);
      return response;
   }
//    var customerString = "";
//    customerString = localStorage.getItem("customerDataAll");
//    return customerString;
   return '<h1>Error found in getting all customer info</h1>';
};
```

statelist.js

```
/*
 * Student Info: Name=Lo,WeiShun , ID= 13108
 * Subject: CS557_HWNo2_Summer_2015
 * Author: raliclo
 * Filename: statelist.js
 * Date and Time: Feb 8, 2016 4:10:37 PM
 * Project Name: CS557-HW2-13108-Weishun
 */

// statesPop_byID
var statesPop_byID = function (e) {
   var USstates = ["AL",
      "AK",
      "AZ",
      "AR",
      "CA",
      "CO",
      "CT",
      "DE",
      "FL",
      "GA",
      "HI",
      "ID",
      "IL",
      "IN",
      "IA",
      "KS",
      "KY",
      "LA",
      "ME",
      "MD",
      "MA",
```

```
        "MI",
        "MN",
        "MS",
        "MO",
        "MT",
        "NE",
        "NV",
        "NH",
        "NJ",
        "NM",
        "NY",
        "NC",
        "ND",
        "OH",
        "OK",
        "OR",
        "PA",
        "RI",
        "SC",
        "SD",
        "TN",
        "TX",
        "UT",
        "VT",
        "VA",
        "WA",
        "WV",
        "WI",
        "WY"];
    for (var i in USstates) {
        // Generate option tags
        // Format : <option value="AL">AL</option>
        var opts = document.createElement("option");
        opts.value = USstates[i];
        opts.textContent = USstates[i];
        document.getElementById(e).appendChild(opts);
//        console.log(i);
//        console.log(states[i]);
    }
    USstates = null;
};
```

signup-confirm-html ,css, javascript

HTML

```
<!DOCTYPE html>
```

```
<!--
Student Info: Name=Lo,WeiShun , ID= 13108
Subject: CS557-HW2_Summer_2015
Author: raliclo
Filename: customers.html
Date and Time: Feb 8, 2016 8:23:12 PM
Project Name: CS557-HW2-13108-Weishun
-->
<html>
  <head>
    <title>List-customers</title>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link  rel="stylesheet" type="text/css"  href="signup.css">
    <link  rel="stylesheet" type="text/css"  href="listcustomers.css">
    <script src="signup.js" type="text/javascript"></script>
  </head>
  <body>
    <h1 > List all customers </h1>
    <table id="customerlist"></table>
    <script src="listcustomers.js" type="text/javascript"></script>
    <hr>
    <div><button onclick="location.href = 'signup.html'">Return to sign-
in</button></div>
  </body>
</html>
```

CSS

```
/*
Student Info: Name=Lo,WeiShun , ID= 13108
Subject: CS557_HWNo2_Summer_2015
Author: raliclo
Filename: singup_confirm.css
Date and Time: Feb 8, 2016 6:37:17 PM
Project Name: CS557-HW2-13108-Weishun
*/
/*
  Created on : Feb 8, 2016, 6:37:17 PM
  Author     : raliclo
*/

body {
        font-size: 75.5%;
        font-family: Myriad Pro;
        color: #333;
    background-color: lightblue;
}
```

JAVASCRIPT

```
/*
 * Student Info: Name=Lo,WeiShun , ID= 13108
 * Subject: CS557_HWNo2_Summer_2015
 * Author: raliclo
 * Filename: signup_confirm.js
 * Date and Time: Feb 8, 2016 10:50:47 PM
 * Project Name: CS557-HW2-13108-Weishun
 */

window.onload = function () {
   showCustomer();
};
var showCustomer = function () {
   var localData = getCustomer();
   document.getElementById("showcustomer").innerHTML =
JSON.stringify(localData);
};
```

listcustomers – html.css.javascript

HTML

```
<!DOCTYPE html>
<!--
Student Info: Name=Lo,WeiShun , ID= 13108
Subject: CS557-HW2_Summer_2015
Author: raliclo
Filename: customers.html
Date and Time: Feb 8, 2016 8:23:12 PM
Project Name: CS557-HW2-13108-Weishun
-->
<html>
   <head>
      <title>List-customers</title>
      <meta charset="UTF-8">
      <meta name="viewport" content="width=device-width, initial-scale=1.0">
      <link  rel="stylesheet" type="text/css"  href="signup.css">
      <link  rel="stylesheet" type="text/css"  href="listcustomers.css">
      <script src="signup.js" type="text/javascript"></script>
   </head>
   <body>
      <h1 > List all customers </h1>
      <table id="customerlist"></table>
      <script src="listcustomers.js" type="text/javascript"></script>
      <hr>
```

```
      <div><button onclick="location.href = 'signup.html'">Return to sign-
in</button></div>
   </body>
</html>
```

CSS

```
/*
Student Info: Name=Lo,WeiShun , ID= 13108
Subject: CS557-HW2_Summer_2015
Author: raliclo
Filename: listcustomers.css
Date and Time: Feb 8, 2016 11:22:23 PM
Project Name: CS557-HW2-13108-Weishun
*/
/*
   Created on : Feb 8, 2016, 11:22:23 PM
   Author     : raliclo
*/

table {
   width : 70%;
}
h1 {
   text-align: center;
   color : blue;
}
td {
  padding: 2px;
  border-width :1px;
  text-align: center;
  vertical-align: middle;
  color : blueviolet;
}
div {
   text-align: center;
}
button {
   width: 30%;
   margin: auto;
   text-align: center;
}
```

JAVASCRIPT

```
/*
 * Student Info: Name=Lo,WeiShun , ID= 13108
 * Subject: CS557-HW2_Summer_2015
```

```
 * Author: raliclo
 * Filename: listcustomers.js
 * Date and Time: Feb 9, 2016 12:08:05 AM
 * Project Name: CS557-HW2-13108-Weishun
 */

var clist = getAllCustomer(); // it's in array format
var tb = document.getElementById("customerlist");
tb.content = "";
var tbadd = function (add) {
   tb.content += add;
};
tbadd("<tr>" +
      "<td>Email </td>" +
      "<td>Password</td>" +
      "<td>Full Name</td>" +
      "<td>Address</td>" +
      "<td>City</td>" +
      "<td>State</td>" +
      "<td>ZipCode</td>" +
      "<td>PhoneNo</td>" +
      "</tr>");


/*
 *
 * ORIGINAL DATA FORMAT
 //customer.email = userForm.emailaddress.value;
 //customer.password = userForm.password.value;
 //customer.fullname = userForm.fullname.value;
 //customer.address = userForm.address.value;
 //customer.city = userForm.city.value;
 //customer.state = userForm.state.value;
 //customer.country = userForm.country.value;
 //customer.zipcode = userForm.zipcode.value;
 //customer.phoneno = userForm.phoneno.value;
 */
var addall = function () {
   for (var i in clist) {
//       for (var j in clist[i]) {
      tbadd("<tr>" +
            "<td>" + clist[i].email + "</td>" +
            "<td>" + clist[i].password + "</td>" +
            "<td>" + clist[i].fullname + "</td>" +
            "<td>" + clist[i].address + "</td>" +
            "<td>" + clist[i].country + "</td>" +
```

```
            "<td>" + clist[i].state + "</td>" +
            "<td>" + clist[i].zipcode + "</td>" +
            "<td>" + clist[i].phoneno + "</td>" +
            "</tr>");
//      }
   }
};
addall();


//clist.map(tbadd("hi"));
var tbupdate = function () {
   tb.innerHTML = tb.content;
   tb.content = "";
};
tbupdate();
// For testing purpose
var listall = function () {
   for (var i in clist) {
      for (var j in clist[i]) {
//          console.log(i);
//          console.log(j);
//          console.log("Atribute--" + j);
         console.log("email -" + clist[i].email);
//          console.log(clist[i][j]);
      }
   }
};
//tb.innerHTML = "<tr>hi<td>hi2</td><td>hi3</td></Tr>";

/*
 var opts = document.createElement("option");
 opts.value = USstates[i];
 opts.textContent = USstates[i];
 */
```