

Date:24.11.2021

Third Year B. Tech., Sem V 2021-22

Programming Lab 3

Lab Assessment ESE

PRN/ Roll No: 2019BTECS00064

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Batch: T2

Problem Statement:

Design a website for Online Library Management with following objectives:\r\n Home Page showing library details and images\r\n User Registration – Full Name, Mobile Number, ID Proof, Address, user id, password\r\n Every page should be responsive\r\n Provide all validations\r\n Use styles to make it attractive\r\n Link all pages using navigation bar\r\n Use appropriate HTML elements and CSS properties\r\n Host website on any free web hosting service and upload the source code GitHub public repository

Code:

Homepage:

```
G:\Kunal\Sem-5\PL3 Practicals\2019BTECS00064_LA_ESE\homepage.html (2019BTECS00064_LA_ESE) - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help

FOLDERS
  2019BTECS00064_LA_ESE
    homepage.html
    Library1.jpg
    Library2.jpg
    Library3.jpg
    registration.html
    responsiveRegistration.js
    responsiveRegistration.css
    index.html
    2019BTECS00064_SA_PL3.html
    2019BTECS00064_SA_PL3_PS1.html

1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8" />
5   <title>Ajit Gulabchand Central Library</title>
6 </head>
7 <body style="margin: 30px;
8   font-family: 'Sacramento', cursive;
9   background-color: #e3f2fd;">
10   <ul style="list-style-type: none; margin: 0; padding: 0;">
11     <li><a href="homepage.html">Home</a></li>
12     <li><a href="registration.html">Registration</a></li>
13   </ul>
14   <header style="text-align: center;">
15     <h1>Walchand College of Engineering Sangli</h1>
16     <h1>Ajit Gulabchand Central Library</h1>
17   </header>
18   <hr />
19   <article>
20     <h3>
21       <u>
22         Information
23       </u>
24     </h3>
25     <p>
26       Ajit Gulabchand Central Library - Walchand College of
27       Engineering, Sangli.
28       A New state of art library worth 4,680 sq.mt. Constructed is a generous donation received from "Walchand Hirachand Memorial Trust"
29       Mumbai and renamed as "Ajit Gulabchand Central Library". The spacious library of the college holds the total collection of reading
30       material 106715 including 55480 Books, 13064 Bound Volumes of Technical / Non-Technical Journals, Magazines, 38171 Book Bank Books
31       accumulated over last six decades. It subscribes to 80 Technical, 8 Science and 7 General Journal / Magazines. This library is
32       member of INDEST under which we receive 20212+ Online journals including IEEE(464), IEEE Conference(19407), ASCE(36), ASME (30),
33       Science Direct(275) and 2163 e-books.
34     </p>
35     <p>
36       Library is having Membership of DELNET, New Delhi for Inter Library Loan, Reference facility and document delivery services.
37       Library is also participate N-LIST Inflibnet program through membership for e-journal and e-books.
38     </p>
39     <p>
40       Digital Library : A separate section is dedicated to digital library in AGC library where 60 terminals where provided. Library has
```

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34 Digital Library : A separate section is dedicated to digital library in AGC library where 60 terminals where provided. Library has
35 purchased and developed with association of CCF, E-learning resources worth Rs.30 lacks and loaded at Central Server at CCF, This
36 facility can be available from anywhere in the entire campus by students and staff as well. CD server is available for research
37 student.
38 </p>
39 <p>
40   Library issue 1200 to 1300 book sets under book bank schemes including Social Welfare Department Free Book Bank Scheme for SC / ST
41   scholarship holder students and also we issue TEQIP Tribal Book Bank free book bank for other categorized student.
42   Reading Hall facility is available round the clock for full year and provides study room facility during normal and extended hours.
43 </p>
44 </article>
45 <hr />
46 <!-- Images section -->
47 <h3>
48   <u>
49     Library Images
50   </u>
51 </h3>
52 <div>
53   <!-- alt attribute to provide alternate text when browser is not able to render images -->
54   
60   <br />
61   
66   <br />
67   
72 </div>
73 </div>
74 <hr />
```

```
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    registration.html
    /* responsiveRegistration.js
    /* responsiveRegistration.css

homepage.html
63 
68 </div>
69 <hr />
70 <!-- contact section -->
71 <h3>
72     <u>
73         Contact Details
74     </u>
75 </h3>
76 <h4>Postal address</h4>
77 <address>
78     The Director Walchand College of Engineering ,<br />
79     A/P: Vishrambag,<br />
80     Sangli - 416 415 Maharashtra,<br />
81     India Tel: +91-233-2300283 <br />
82     Fax:+91-233-2300831 <br />
83     <a href="http://www.walchandsangli.ac.in/SupportDepartments/Library.asp" target="blank">
84         Walchand Library
85     </a>
86 </address>
87 <footer style="text-align: center ;">
88     <span>&copy; T2_2019BTECS00064</span>
89 </footer>
90 </body>
91 </html>
```

Registration:

```
G:\Kunal\Sem-5\PL3 Practicals\2019BTECS00064_LA_ESE\registration.html (2019BTECS00064_LA_ESE) - Sublime Text (UNREGISTERED)
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    Library3.jpg
    registration.html
    /* responsiveRegistration.js
    /* responsiveRegistration.css

registration.html
1 <!DOCTYPE html>
2 <html lang="en-us">
3 <head>
4     <meta charset="UTF-8">
5     <title>Responsive Registration Form</title>
6     <link rel="stylesheet" href="./responsiveRegistration.css">
7     <script type="text/javascript" lang="javascript" src="./responsiveRegistration.js"></script>
8 </head>
9
10 <body style="margin: 30px;
11     font-family: 'Sacramento', cursive;
12     background-color: #e3f2fd;">
13     <ul style="list-style-type: none; margin: 0; padding: 0;">
14         <li><a href="homepage.html">Home</a></li>
15         <li><a href="registration.html">Registration</a></li>
16     </ul>
17     <header style="text-align: center">
18         <h1>Walchand College of Engineering Sangli</h1>
19         <h1>Ajit Gulabchand Central Library</h1>
20         <h1>Registration Form</h1>
21     </header>
22     <div class="container">
23         <div class="row">
24             <div class="col-10">
25                 <label for="fname">Full Name:</label>
26             </div>
27             <div class="col-90">
28                 <input type="text" id="fname" name="firstname" placeholder="Enter your first name">
29             </div>
30         </div>
31         <!-- <div class="row">
32             <div class="col-10">
33                 <label for="lname">Last Name:</label>
34             </div>
35             <div class="col-90">
36                 <input type="text" id="lname" name="lastname" placeholder="Enter your last name">
37             </div>
38         </div -->
39         <div class="row">
40             <div class="col-10">
```

```
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    /* responsiveRegistr
    /* responsiveRegistr

registration.html
47 <div class="row">
48 <div class="col-10">
49 <label for="mobile">Mobile:</label>
50 </div>
51 <div class="col-90">
52 <input type="tel" id="mobile" name="mobile" placeholder="only 10 digits are allowed">
53 </div>
54 </div>
55 <!-- <div class="row">
56 <div class="col-10">
57 <label for="gender" required>Gender:</label>
58 </div>
59 <div class="col-90">
60 <input type="radio" id="male" name="gender" value="male"/>Male
61 <input type="radio" id="female" name="gender" value="female"/>Female
62 </div>
63 </div> -->
64 <!-- <div class="row">
65 <div class="col-10">
66 <label for="dob">Date Of Birth:</label>
67 </div>
68 <div class="col-90">
69 <input type="Date" id="dob" name="dob">
70 </div>
71 </div> -->
72 <div class="row">
73 <div class="col-10">
74 <label for="address">Address:</label>
75 </div>
76 <div class="col-90">
77 <textarea name="address" id="address" cols="30" rows="10"></textarea>
78 </div>
79 </div>
80 <!-- <div class="row">
81 <div class="col-10">
82 <label for="city">City:</label>
83 </div>
84 <div class="col-90">
85 <input type="text" id="city" name="city" maxlength="10">
86 </div>
```

```
G:\Kunal\Sem-5\PL3 Practicals\2019BTECS00064_LA_ESE\registration.html (2019BTECS00064_LA_ESE) - Sublime Text (UNREGISTERED)
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    /* responsiveRegistr
    /* responsiveRegistr

registration.html
85 <input type="text" id="city" name="city" maxlength="10">
86 </div>
87 </div> -->
88 <!-- <div class="row">
89 <div class="col-10">
90 <label for="pincode">Area PIN:</label>
91 </div>
92 <div class="col-90">
93 <input type="number" id="pin" name="pin" maxlength="6">
94 </div>
95 </div> -->
96 <!-- <div class="row">
97 <div class="col-10">
98 <label for="state">State:</label>
99 </div>
100 <div class="col-90">
101 <input type="text" id="state" name="state">
102 </div>
103 </div> -->
104 <!-- <div class="row">
105 <div class="col-10">
106 <label for="qualification" required>Qualification:</label>
107 </div>
108 <div class="col-90">
109 <select name="qualification" id="qualification">
110 <option value="">Select Qualification:</option>
111 <option value="Graduation">Graduation</option>
112 <option value="BTech.">BTech.</option>
113 <option value="MTech.">MTech.</option>
114 <option value="MCA">MCA</option>
115 <option value="BCA">BCA</option>
116 </select>
117 </div>
118 </div>
119 <div class="row">
120 <div class="col-10">
121 <label for="specialization">Specialization:</label>
122 </div>
123 <div class="col-90">
124 <input type="checkbox" class="specialization" id="cs" name="specialization[]" value="Computer Science">Computer Science</div>
```

```
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115 <option value="BCA">BCA</option>
116 </select>
117 </div>
118 </div>
119 <div class="row">
120 <div class="col-10">
121 <label for="specialization">Specialization:</label>
122 </div>
123 <div class="col-90">
124 <input type="checkbox" class="specialization" id="cs" name="specialization[]" value="Computer Science">Computer Science<br/>
125 <input type="checkbox" class="specialization" id="it" name="specialization[]" value="Information Technology">Information Technology<br/>
126 <input type="checkbox" class="specialization" id="ca" name="specialization[]" value="Computer Architecture">Computer Architecture<br/>
127 <input type="checkbox" class="specialization" id="tc" name="specialization[]" value="Tele Communication">Tele Communication<br/>
128 </div>
129 </div> -->
130 <div class="row">
131 <div class="col-10">
132 <label for="password">Password:</label>
133 </div>
134 <div class="col-90">
135 <input type="password" id="password" name="password" maxlength="8">
136 </div>
137 </div>
138 <div class="row">
139 <input type="submit" value="Registered" onclick="SaveLibraryDetails()">
140 </div>
141 </div>
142 </body>
143 </html>
```

Registration css:

```
G:\Kunal\Sem-5\PL3 Practicals\2019BTECS00064_LA_ESE\responsiveRegistration.css (2019BTECS00064_LA_ESE) - Sublime Text (UNREGISTERED)
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1  /*{box-sizing: border-box;
2  }
3  input[type=text], input[type=email], input[type=number], input[type=select], input[type=date],input[type=select],input[type=password], input[type=checkbox],input[type=radio]{
4  {
5    width: 45%;
6    padding: 12px;
7    border: 1px solid rgb(168, 166, 166);
8    border-radius: 4px;
9    resize: vertical;
10 }
11 textarea{
12 width:45%;
13 padding: 12px;
14 border: 1px solid rgb(168, 166, 166);
15 border-radius: 4px;
16 resize: vertical;
17 }
18 input[type=radio],input[type=checkbox]{
19 width: 1%;
20 padding-left: 0%;
21 border: 1px solid rgb(168, 166, 166);
22 border-radius: 4px;
23 resize: vertical;
24 }
25 h1{
26 font-family: 'Sacramento', cursive;
27 /*font-size: medium;*/
28 font-style: normal;
29 font-weight: bold;
30 color: brown;
31 text-align: center;
32 text-decoration: underline;
33 }
34 label{
35 padding: 12px 12px 12px 0;
36 display: inline-block;
37 }
38 input[type=submit] {
39 background-color: #4CAF50;
40 }
```

```
G:\Kunal\Sem-5\PL3 Practicals\2019BTECS00064_LA_ESE\responsiveRegistration.css (2019BTECS00064_LA_ESE) - Sublime Text (UNREGISTERED)
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    registration.html
    /* responsiveRegis
    /* responsiveRegis

responsiveRegistration.css
37 }
38 input[type=submit] {
39   background-color: #4CAF50;
40   color: white;
41   padding: 12px 20px;
42   border: none;
43   border-radius: 4px;
44   cursor: pointer;
45   float: left;
46 }
47 input[type=submit]:hover {
48   background-color: #32a336;
49 }
50 .container{
51   border-radius: 5px;
52   background-color: #f2f2f2;
53   padding: 20px;
54 }
55 .col-10{
56   float: left;
57   width: 10%;
58   margin-top: 6px;
59 }
60 .col-90{
61   float: left;
62   width: 90%;
63   margin-top: 6px;
64 }
65 .row:after{
66   content: "";
67   display: table;
68   clear: both;
69 }
70 @media screen and (max-width: 600px) {
71   .col-10,.col-90,input[type=submit]{
72     width: 100%;
73     margin-top: 0;
74   }
75 }
```

Registration js:

```
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    /* responsiveRegis
    /* responsiveRegis

responsiveRegistration.js
1 function SaveLibraryDetails() {
2   validateControls();
3 }
4 function validateControls() {
5   //First Name
6   var fname = document.getElementById("fname")
7   if (fname.value == "") {
8     window.alert("Please enter your full name");
9     fname.focus();
10    return false;
11  }
12  //Email
13  var email = document.getElementById("email")
14  if (email.value == "") {
15    window.alert("Please enter your valid email Id");
16    email.focus();
17    return false;
18  }
19  //Mobile
20  var mobile = document.getElementById("mobile")
21  if (mobile.value == "") {
22    window.alert("Please enter your 10 digits mobile no.");
23    mobile.focus();
24    return false;
25  }
26  //Address
27  var address = document.getElementById("address")
28  if (address.value == "") {
29    window.alert("Please enter your address details");
30    address.focus();
31    return false;
32  }
33  // Password
34  var password = document.getElementById("password")
35  if (password.value == "") {
36    window.alert("Please enter your password");
37    password.focus();
38    return false;
39  }
40 }
```

```
13 var email = document.getElementById("email")
14 if (email.value == "") {
15     window.alert("Please enter your valid email id");
16     email.focus();
17     return false;
18 }
19 //Mobile
20 var mobile = document.getElementById("mobile")
21 if (mobile.value == "") {
22     window.alert("Please enter your 10 digits mobile no.");
23     mobile.focus();
24     return false;
25 }
26 //Address
27 var address = document.getElementById("address")
28 if (address.value == "") {
29     window.alert("Please enter your address details");
30     address.focus();
31     return false;
32 }
33 // Password
34 var password = document.getElementById("password")
35 if (password.value == "") {
36     window.alert("Please enter your password");
37     password.focus();
38     return false;
39 }
40
41 getControlValues();
42
43 }
```

Hosted Link:

<https://kunalkadam64.github.io/PL3-Practicals/>