9/4/2022   **SUSHAANTH SRINIVASAN**
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CSE B VI

Exercise 3a: Event Registration Form Validation using Javascript

Assume you are organizing a technical event in your college. Students from other national universities must register to participate in the event. Modify your webpage designed in Ex. 2 to display the registration form for the event. In the homepage have a link to the technical event, where you design the registration form.

Index.html

```html
<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
    <title>Sushaanth's Website - Home</title>
    <link rel="stylesheet" href="style.css">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
</head>
<body>
    <header>
        <img src="images/superman.png" width = 64px, height = 48px>
        <h2><a href="#" class = "nameheading">Sushaanth
Srinivasan</a></h2>
        <nav>
            <ul class = "green">
                <li><a class = "green" href="info.html" target =
"_blank">Personal Information</a></li>
                <li><a class = "green" href="registration.html"
target = "_blank">Feedback</a></li>
            </ul>
        </nav>
```

```
    </header>
    <div>
        <img src="images/me.jpg" width = 500px height = 500px>
        <br>
        <br>
        <a class = "button" href="registration.html" target =
"_blank">Feedback</a>
    </div>
    <footer>
        <br><br><br>
        <address>
            <ul>
                <li><a class = "red" href="info.html">Sushaanth
Srinivasan &copy;</a></li>
                <li><a class = "red"
href="mailto:iamsushaanth@gmail.com">Contact</a></li>
                <li><a class = "red" href="#">2022 &copy;</a></li>
            </ul>
        </address>
    </footer>
</body>
</html>
```

Registration.html

```
<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
    <title>Sushaanth's Website - Feedback</title>
    <link rel="stylesheet" href="style.css">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
</head>
<body>
    <header>
        <img src="images/superman.png" width = 64px, height = 48px>
        <h2><a href="index.html" class = "nameheading">Sushaanth
Srinivasan</a></h2>
        <nav>
            <ul class = "green">
```

```html
                    <li><a class = "green" href="info.html" target =
"_blank">Personal Information</a></li>
                    <li><a class = "green" href="registration.html"
target = "_blank">Feedback</a></li>
                </ul>
            </nav>
        </header>
        <div>
            <center>
            <img src="images/me.jpg" width = 100px height = 100px style
= "display: block; margin: 0 auto;">
            <div id = "clock" onload="currentTime()"></div>
            <h1 class = "green">Feedback</h1>
            <h1 id="sorry">Sorry, the deadline is over!</h1>
                <form class = "red" id="reg-form">
                    <label for="name">Name:</label>
                    <br>
                    <input type="text" id="name" name="name"
pattern="[A-Za-z ]+" oninvalid="nameInvalid()" required>
                    <br><br>

                    <label for="clgname">College Name:</label>
                    <br>
                    <input type="text" id="clgname" name="clgname"
pattern="[A-Za-z]+" oninvalid="clgnameInvalid()" required>
                    <br><br>

                    <label for="clgaddr">College Address:</label>
                    <br>
                    <textarea name="clgaddr" id="reg-form" cols="30"
rows="10" oninvalid="clgaddrInvalid()"></textarea>
                    <br><br>

                    <label for="pin">Pin:</label>
                    <br>
                    <input type="number" id="pin" name="pin"
pattern="[0-9]{4,6}" oninvalid="pinInvalid()" required>
                    <br><br>

                    <label for="age">Age:</label>
                    <br>
```

```html
                <input type="number" id="age" name="age"
pattern="[0-9]{2}" oninvalid="ageInvalid()">
                <br><br>

                <label for="dob">Date of Birth:</label>
                <br>
                <input type="date" id="dob" name="dob" required>
                <br><br>

                <p>Gender:</p>
                <input type="radio" id="male" name="gender"
value="Male" required>
                <label for="male">Male</label>
                <br>
                <input type="radio" id="female" name="gender"
value="Female">
                <label for="female">Female</label>
                <br><br>

                <label for="dept">Department:</label>
                <br>
                <input type="text" id="dept" name="dept" required>
                <br><br>

                <label for="contactno">Contact Number:</label>
                <br>
                <input type="tel" id="contactno" name="contactno"
pattern="[0-9]{8,10}" oninvalid="telInvalid()" required>
                <br><br>

                <label for="lname">Email:</label>
                <br>
                <input type="text" id="feedback" name="lname"
required>
                <br><br>

                <label for="lname">Programming Skills:</label>
                <br>
                <input type="text" id="feedback" name="lname">
                <br><br>

                <p>Hobbies:</p>
```

```html
                    <input type="checkbox" id="books" name="books"
value="Books">
                    <label for="books">Books</label>
                    <br>
                    <input type="checkbox" id="music" name="music"
value="Music">
                    <label for="music"> I have a car</label>
                    <br>
                    <input type="checkbox" id="art" name="art"
value="Art">
                    <label for="art"> I have a boat</label>
                    <br><br>

                    <label for="file">Consent Letter:</label>
                    <br>
                    <input type="file" id="file" name="file">
                    <br><br>

                    <center id="submit-btn">
                        <input type="submit" value="Submit">
                    </center>
                    <center>
                        <input type="reset" value="Reset">
                    </center>
                </form>
            </center>
        </div>
        <footer>
            <br><br><br>
            <address>
                <ul>
                    <li><a class = "red" href="info.html">Sushaanth
Srinivasan &copy;</a></li>
                    <li><a class = "red"
href="mailto:iamsushaanth@gmail.com">Contact</a></li>
                    <li><a class = "red" href="#">2022 &copy;</a></li>
                </ul>
            </address>
        </footer>
        <script src="script.js"></script>
</body>
</html>
```

Style.css

```css
body{
    font-family: serif;
}


body{
    background-image: url('images/bg.jpg');
    font-family: verdana;
}

h2{
    color: #ff0000;
    text-decoration: none;
}

div p{
    color: red;
}

.green{
    color: #00ff00;
}

.red{
    color: #ff0000;
}

.nameheading{
    color: #ff0000;
    text-decoration: none;
}

.textcenter{
    text-align: center;
}

.smallimage{
    display: block;
    margin: auto;
    z-index: 5;
}
```

```css
table{
    color: #00ff00;
    border: 3px solid green;
    border-radius: 5px;
    margin-left: auto;
    margin-right: auto;
}

td{
    border: 3px solid green;
    padding: 10px;
    text-align: center;
}

tr:nth-child(even) {
    background-color: blue;
}

a:hover{
    color: #ffffff;
}

a:active{
    color: #000;
}

div.gallery {
  margin: 5px;
  border: 1px solid #ccc;
  float: left;
  width: 40%;
}

div.gallery img {
  width: 100%;
  height: auto;
}

footer{
    clear: both;
}
```

```css
.gradient-bg{
    background-image: linear-gradient(90deg, rgba(2,0,36,1) 0%,
rgba(9,9,121,1) 35%, rgba(0,212,255,1) 100%);
}

.wrapper {
    height: 100%;
    width: 100%;
    left: 0;
    right: 0;
    top: 0;
    bottom: 0;
    position: absolute;
    background: linear-gradient(124deg, #ff2400, #e81d1d, #e8b71d,
#e3e81d, #1de840, #1ddde8, #2b1de8, #dd00f3, #dd00f3);
    background-size: 1800% 1800%;
    animation: rainbow 18s ease infinite;
}

@keyframes rainbow {
    0%{background-position:0% 82%}
    50%{background-position:100% 19%}
    100%{background-position:0% 82%}
}

section {
    margin: 0px;
    padding: 10px;
    border: 1px solid #00ff00;
    outline-width: 20px;
}

.rotated{
    transform: rotate(20deg);
}

.txt-shadow{
    text-shadow: #00ff00 1px 1px;
}

.shadow-box{
```

```css
        box-shadow: 5px 10px #00ff00;
}

@media only screen and (max-width: 600px) {
    body {
        background-image: url('images/bg2.jpg');
    }
}

.move{
    width: 100px;
    height: 500px;
    transition: width 1s;
    transition-timing-function: ease-out;
}

.move:hover{
    width: 10000px;
}

.button {
    background-color: #EF0E2E;
    color: white;
    padding: 15px;
    border-radius: 5px;
    text-decoration: none;
}

#clock{
    color: #EF0E2E;
    padding: 10px;
    font-size: large;
    font-family: 'Courier New', Courier, monospace;
    font-weight: bold;
}

#sorry{
    display: none;
    color: #00ff00;
}
```

Script.js

```javascript
window.onload = function() {
    checkDeadline();
}

function checkDeadline(){
    var deadline = '2028-02-22';
    var today = new Date();
    deadline = new Date(deadline);

    if(today > deadline){
        document.getElementById("reg-form").style.display = "none";
        document.getElementById("sorry").style.display = "block";
    }
}

function nameInvalid(){
    window.alert("Name must only contain Alphabets!");
}

function clgnameInvalid(){
    window.alert("College Name must only contain Alphabets!");
}

function clgaddrInvalid(){
    window.alert("College Address must only contain Alphanumeric
characters!");
}

function pinInvalid(){
    window.alert("PIN must only contain numbers!");
}

function ageInvalid(){
    window.alert("Name must only contain Alphabets!");
}

function ageInvalid(){
    window.alert("Age must only contain numbers!");
}
```

```javascript
function telInvalid(){
    window.alert("Telephone number must only contain numbers,
Duh!");
}

function currentTime() {
    let date = new Date();
    let hh = date.getHours();
    let mm = date.getMinutes();
    let ss = date.getSeconds();
    let session = "AM";

    if(hh === 0){
        hh = 12;
    }
    if(hh > 12){
        hh = hh - 12;
        session = "PM";
     }

     hh = (hh < 10) ? "0" + hh : hh;
     mm = (mm < 10) ? "0" + mm : mm;
     ss = (ss < 10) ? "0" + ss : ss;

     let time = hh + ":" + mm + ":" + ss + " " + session;

    document.getElementById("clock").innerText = time;
    let t = setTimeout(function(){ currentTime() }, 1000);
 }

 currentTime();
```
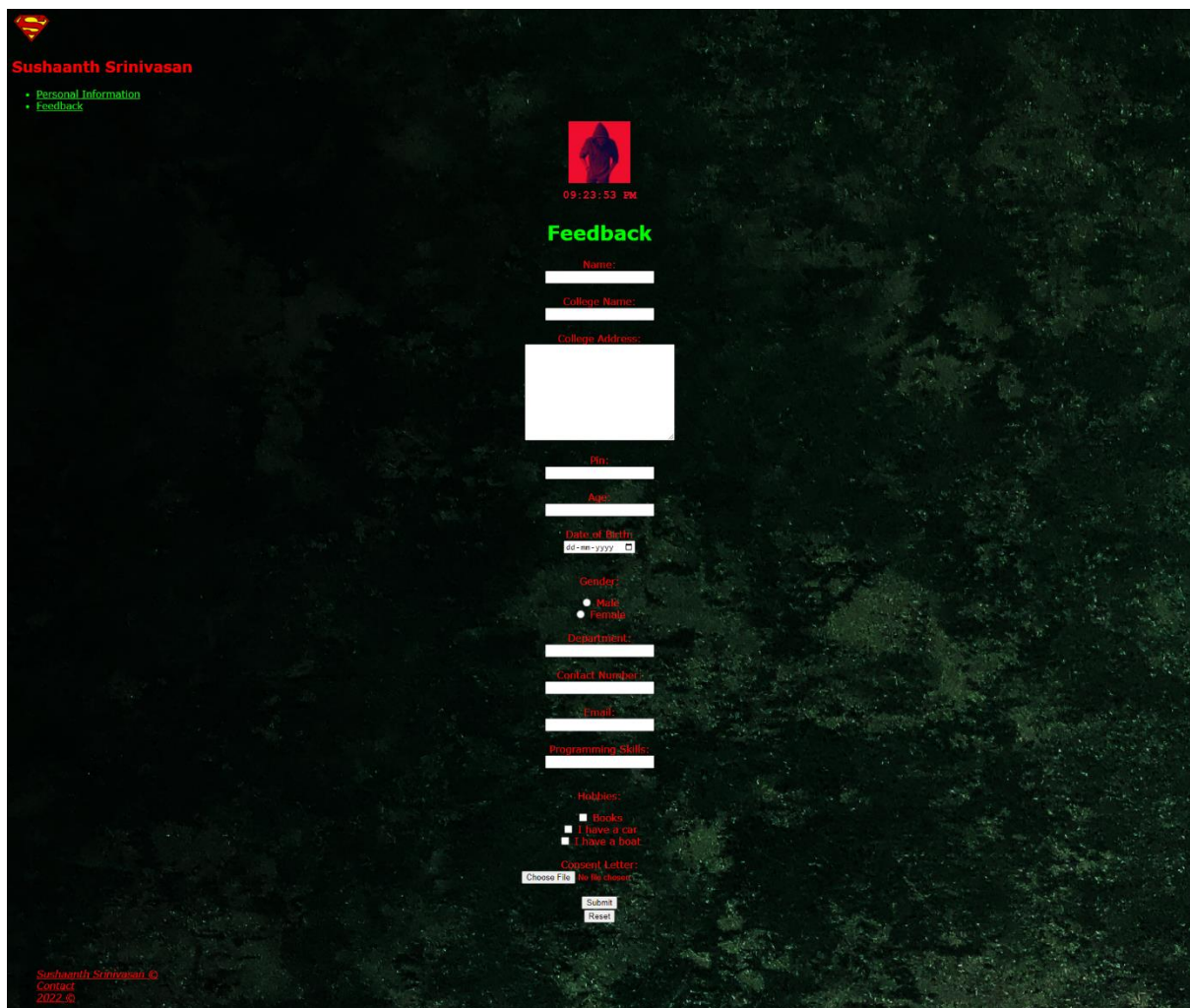
P.T.O

Learning Outcomes:

1. Learnt how to design a registration form using HTML, CSS and Javascript.
2. Learnt how to use regex for pattern matching.
3. Learnt how to use form elements and attributes like oninvalid, onblurred, required, etc.
4. Learnt how to create a clock using Javascript.