



PARSHVANATH CHARITABLE TRUST'S

A. P. SHAH INSTITUTE OF TECHNOLOGY

Department of Information Technology

(NBA Accredited)



Academic Year: 2024-25

Semester: V

Class / Branch/ Div: TE- IT C

Subject: IP Lab

Name of Student: Vijay Madiwal

Student ID: 23204010

Roll No.14

Date of Submission: 24/09/2024

Experiment No.6

Aim: Write a program to apply validations to Registration Form.

Software Used: VS Code

Code & Output:

```
<!DOCTYPE html>
```

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

```
<head>
```

```
  <meta charset="UTF-8">
```

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

```
  <title>Registration Form</title>
```

```
<style>
```

```
  body{
```

```
    background-color: aquamarine;
```

```
  }
```

```
  form {
```

```
    width: 50%;
```

```
    margin: 40px auto;
```

```
    background-color: white;
```



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```
padding: 20px;
```

```
}
```

```
h1{
```

```
text-align: center;
```

```
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<script>
```

```
function val()
```

```
{
```

```
let name = document.f1.username.value;
```

```
let mail = document.f1.email.value;
```

```
let pwd = document.f1.password.value;
```

```
let cfpwd = document.f1.cfPassword.value;
```

```
let genderRadios = document.getElementsByName('gender');
```

```
if (!isNaN(name))
```

```
{
```

```
alert("Name should be a character");
```

```
document.f1.username.focus();
```

```
return false;
```



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```
}  
  
if (pwd.length < 8 || cfpwd.length < 8)  
{  
    alert("Password must have at least 8 characters");  
    document.f1.password.focus();  
    return false;  
}  
  
if (pwd != cfpwd)  
{  
    alert("The Password does not match");  
    document.f1.password.focus();  
    return false;  
}  
  
let genderSelected = false;  
for (let i = 0; i < genderRadios.length; i++)  
{  
    if (genderRadios[i].checked)  
    {  
        genderSelected = true;  
        break;  
    }  
}  
  
if (!genderSelected)  
{
```



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```
        alert("Please select a gender");

        return false;

    }

    return true;

}

</script>
```

```
<h1>Registration Form</h1>
```

```
<form name="f1" onsubmit="return val()">
```

```
<fieldset>
```

```
<legend><h2>Enter Details</h2></legend>
```

```
<h3>Name: <input type="text" name="username" id="username" placeholder="Enter
your name" required></h3>
```

```
<h3>Email: <input type="email" name="email" id="email" placeholder="Enter your
email" required></h3>
```

```
<h3>Password: <input type="password" name="password" id="password"
placeholder="Enter your password" required></h3>
```

```
<h3>confirm-password: <input type="password" name="cfPassword"
id="cfPassword" placeholder="Confirm your password" required></h3>
```

```
<h3>Select Gender: </h3>
```

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

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

```
<input type="radio" id="other" name="gender" value="other" required> Other
```

```
<br>
```

```
<h3>Address: </h3>
```



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```
<textarea id="address" name="address" rows="4" cols="15"></textarea>
```

```
<br>
```

```
<button type="submit" onclick="val()">Submit</button>
```

```
</fieldset>
```

```
</form>
```

```
</body>
```

```
</html>
```

Registration Form

Enter Details

Name:

Email: Please fill out this field.

Password:

confirm-password:

Select Gender:

☐ Male ☐ Female ☐ Other

Address:



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Registration Form

D:/Ap%20shah/Data%20Structure%20Lab/Experiment6.html

This page says
Name should be a character

OK

Enter Details

Name: 123

Email: Enter your email

Password: Enter your password

confirm-password: Confirm your password

Select Gender:
☐ Male ☐ Female ☐ Other

Address:

Submit

Registration Form

D:/Ap%20shah/Data%20Structure%20Lab/Experiment6.html

Enter Details

Name: Vijay

Email: madiwal

Please include an '@' in the email address. 'madiwal' is missing an '@'.

confirm-password: Confirm your password

Select Gender:
☐ Male ☐ Female ☐ Other

Address:

Submit



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Registration Form

File D:/Ap%20shah/Data%20Structure%20Lab/Experiment6.html

This page says
The Password does not match

OK

Enter Details

Name:

Email:

Password:

confirm-password:

Select Gender:
☐ Male ☐ Female ☐ Other

Address:

Submit

Registration Form

File D:/Ap%20shah/Data%20Structure%20Lab/Experiment6.html

This page says
Password must have at least 8 characters

OK

Enter Details

Name:

Email:

Password:

confirm-password:

Select Gender:
☐ Male ☐ Female ☐ Other

Address:

Submit



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Registration Form

Enter Details

Name:

Email:

Password:

confirm-password:

Select Gender:

☒ Male ☐ Female ☐ Other

Address:

Conclusion:

Thus, in this experiment we successfully implemented a program for creating a registration form applied validation to it.