

Assessment 2

Source Code(index.html)

```
<!DOCTYPE html>
<html lang="en" dir="ltr">
  <head>
    <meta charset="UTF-8">
    <link rel="stylesheet" href="style.css">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
  </head>
  <body>
    <div class="container">
      <div class="title">Student Registration Form</div>
      <div class="content">
        <form action="success.html">
          <div class="user-details">
            <div class="input-box">
              <span class="details">Full Name</span>
              <input type="text" placeholder="Enter your name" id = "studentname" required>
            </div>
            <div class="input-box">
              <span class="details">Password</span>
              <input type="password" placeholder="Enter your password" id ="studentpassword"
required>
            </div>
            <div class="input-box">
              <span class="details">Age</span>
              <input type="number" placeholder="Enter your age" required>
            </div>
          </div>
          <div class="gender-details">
            <input type="radio" name="gender" id="dot-1">
            <input type="radio" name="gender" id="dot-2">
            <input type="radio" name="gender" id="dot-3">
            <span class="gender-title">Gender</span>
            <div class="category">
              <label for="dot-1">
                <span class="dot one"></span>
                <span class="gender">Male</span>
              </label>
              <label for="dot-2">
                <span class="dot two"></span>
                <span class="gender">Female</span>
              </label>
              <label for="dot-3">
                <span class="dot three"></span>
                <span class="gender">Prefer not to say</span>
              </label>
            </div>
          </div>
          <div class="course-details">
```

```

        <span class="course-title">Select Course</span><br>
        <div class = "categoryCB" id = "languages">

            <input type="checkbox" name ="sub">Computer Science &emsp;
            <input type="checkbox" name ="sub">Physics &emsp;
            <input type="checkbox" name ="sub">Chemistry &emsp;
            <input type="checkbox" name ="sub">Maths &emsp;
            <input type="checkbox" name ="sub">English
        </div>
    </div>
    <div class="button" id ="btn">
        <input type="submit" value="Submit" onclick=validateDetails()>
    </div>
</form>
</div>
</div>

<script src="script.js"> </script>
</script>
</body>
</html>

```

Source Code: (style.css)

```

@import
url('https://fonts.googleapis.com/css2?family=Poppins:wght@200;300;400;500;600;700&display
=swap');
*{
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    font-family: 'Poppins',sans-serif;
}
body{
    height: 100vh;
    display: flex;
    justify-content: center;
    align-items: center;
    padding: 10px;
    background: linear-gradient(135deg, #71b7e6, #59b699);
}
.container{
    max-width: 700px;
    width: 100%;
    background-color: #fff;
    padding: 25px 30px;
    border-radius: 5px;
    box-shadow: 0 5px 10px rgba(0,0,0,0.15);
}
.container .title{
    font-size: 25px;

```

```
font-weight: 500;
position: relative;
}
.container .title::before{
  content: "";
  position: absolute;
  left: 0;
  bottom: 0;
  height: 3px;
  width: 30px;
  border-radius: 5px;
  background: linear-gradient(135deg, #71b7e6, #598eb6);
}
.content form .user-details{
  display: flex;
  flex-wrap: wrap;
  justify-content: space-between;
  margin: 20px 0 12px 0;
}
form .user-details .input-box{
  margin-bottom: 15px;
  width: calc(100% / 2 - 20px);
}
form .input-box span.details{
  display: block;
  font-weight: 500;
  margin-bottom: 5px;
}
.user-details .input-box input{
  height: 45px;
  width: 100%;
  outline: none;
  font-size: 16px;
  border-radius: 5px;
  padding-left: 15px;
  border: 1px solid #ccc;
  border-bottom-width: 2px;
  transition: all 0.3s ease;
}
.user-details .input-box input:focus,
.user-details .input-box input:valid{
  border-color: #9b59b6;
}
form .gender-details .gender-title{
  font-size: 20px;
  font-weight: 500;
}
form .course-details .course-title{
  font-size: 20px;
  font-weight: 500;
}
form .category{
  display: flex;
  width: 80%;
```

```

    margin: 14px 0 ;
    justify-content: space-between;
}
form .categoryCB{
    display: flex;
    align-items: center;
    cursor: pointer;
    width: 90%;
    margin: 14px 0 ;
    justify-content: space-between;
}
form .category label{
    display: flex;
    align-items: center;
    cursor: pointer;
}
form .category label .dot{
    height: 18px;
    width: 18px;
    border-radius: 50%;
    margin-right: 10px;
    background: #d9d9d9;
    border: 5px solid transparent;
    transition: all 0.3s ease;
}
#dot-1:checked ~ .category label .one,
#dot-2:checked ~ .category label .two,
#dot-3:checked ~ .category label .three{
    background: #043322;
    border-color: #d9d9d9;
}
form input[type="radio"]{
    display: none;
}
form .button{
    height: 45px;
    margin: 35px 0
}
form .button input{
    height: 100%;
    width: 100%;
    border-radius: 5px;
    border: none;
    color: #fff;
    font-size: 18px;
    font-weight: 500;
    letter-spacing: 1px;
    cursor: pointer;
    transition: all 0.3s ease;
    background: linear-gradient(135deg, #71b7e6, #63d9aa);
}
form .button input:hover{
    /* transform: scale(0.99); */
    background: linear-gradient(-135deg, #71b7e6, #9b59b6);
}

```

```

    }
    @media(max-width: 584px){
    .container{
        max-width: 100%;
    }
    form .user-details .input-box{
        margin-bottom: 15px;
        width: 100%;
    }
    form .category{
        width: 100%;
    }
    .content form .user-details{
        max-height: 300px;
        overflow-y: scroll;
    }
    .user-details::-webkit-scrollbar{
        width: 5px;
    }
    }
    @media(max-width: 459px){
    .container .content .category{
        flex-direction: column;
    }
    }
}

```

Source code: script.js

```

function validateDetails() {

    if(validateName())
        console.log("Name is valid");
    if(validatePassword())
        console.log("Password is valid");
    if(validateCheckBox())
        console.log("Checkbox is valid");

}

function validatePassword(){
    // Should contains 1 to 10 characters + Alpha Numeric+ Minimum one special character
    var password = document.getElementById("studentpassword");
    if(password.value.match(/[a-z]/i) && password.value.match(/[A-Z]/i) &&
password.value.match(/\d/i) && password.value.match(/[$@!%*?&]/i) &&
password.value.length <=10 && password.value.length>=1){
        return true;
    }
    else{

```

```

        return false;
    }
}

function validateName(){
    // Should contain 5 to 20 characters. Should have one Uppercase letter.
    var name = document.getElementById("studentname");
    var regex = /^[A-Za-z]{5,20}$/;
    if(regex.test(name.value)){
        return true;
    }
    else{
        return false;
    }
}

function validateCheckBox(){
    // If user selects one checkbox and clicks on submit button appropriate error message
    should show.

    var checkboxes = document.getElementsByName("sub");
    console.log("Checkbox len = ", checkboxes.length);
    var count = 0;
    for(var i=0; i<checkboxes.length; i++){
        if(checkboxes[i].checked == true){
            count++;
        }
    }
    console.log("count = ",count);
    if(count <=1){
        alert("Please select more than 1 course!");
        return false;
    }
    else{
        return true;
    }
}
}

```

Source Code: success.html

```

<!DOCTYPE html>
<html lang="en" dir="ltr">
  <head>
    <meta charset="UTF-8" />
    <link rel="stylesheet" href="style.css" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
  </head>
  <body>
    <h1>Successfully Submitted!</h1>
  </body>
</html>

```

Screenshots:

The screenshot shows a web browser window with a 'Student Registration Form' centered on a teal gradient background. The form is a white card with the following fields and options:

- Full Name:** A text input field with the placeholder 'Enter your name'.
- Password:** A text input field with the placeholder 'Enter your password'.
- Age:** A text input field with the placeholder 'Enter your age'.
- Gender:** Three radio button options: 'Male', 'Female', and 'Prefer not to say'.
- Select Course:** Five checkbox options: 'Computer Science', 'Physics', 'Chemistry', 'Maths', and 'English'.
- Submit:** A large blue button at the bottom of the form.

The browser's address bar shows the file path: `C:/Users/akshi/OneDrive/Desktop/Mindtree/Mindtree%20Intern/MILESTONE%20EXAMS/2.April%202...`. The Windows taskbar at the bottom shows the search bar, task view button, and several open applications including Edge, Teams, and Word.

Course Error:

This screenshot shows the same 'Student Registration Form' as the first image, but with user input and a validation error. The form fields are filled with:

- Full Name:** 'Akshit'
- Password:** '*****'
- Age:** '21'
- Gender:** 'Male' (selected)
- Select Course:** 'Computer Science' (checked)

A dark grey error message box is overlaid on the form, stating: 'This page says: Please select more than 1 course!'. The 'Submit' button is now a blue gradient. The browser address bar shows the URL: `index.html?gender=on&sub=on`. The Windows taskbar at the bottom shows the time as 05:34 PM on 08-04-2022.

Password error:

The screenshot shows a web browser window with a 'Student Registration Form'. The form fields are: Full Name (Akshit), Password (masked with dots), Age (21), Gender (Male selected), and Select Course (Computer Science, Physics, and Chemistry selected). A 'Submit' button is at the bottom. A 'This page says' error message is displayed: 'Password should contain 1 to 10 characters + Alpha Numeric+ Minimum one special character'. The browser's address bar shows the file path: 'C:/Users/akshi/OneDrive/Desktop/Mindtree/Mindtree%20Intern/MILESTONE%20EXAMS/2.April%2022...'. The Windows taskbar at the bottom shows the time as 05:36 PM on 08-04-2022.

Student Registration Form

Full Name: Akshit

Password:

Age: 21

Gender: ☒ Male ☐ Female ☐ Prefer not to say

Select Course: ☒ Computer Science ☒ Physics ☒ Chemistry ☐ Maths ☐ English

Submit

This page says
Password should contain 1 to 10 characters + Alpha Numeric+ Minimum one special character

On Successfully validating: (success.html)

