

HTML CODE

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

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <link rel="stylesheet" href="style.css">
  <title>Registration Form Page</title>
</head>

<body>
  <nav>
    <div>Logo</div>
    
    </nav>
    <main>
      <form action="" method="POST" onsubmit="submitHandler(event)" class="grid-
form">
        <h2 class="stretch">Registration Form</h2>
        <div>
          <label for="firstname">First Name</label>
          <input type="text" oninput="firstHandler(event)" name="firstname"
id="firstname" autocomplete="none" required>
          <span id="first"></span>
        </div>
        <div>
          <label for="lastname">Last Name</label>
          <input type="text" oninput="lastHandler(event)" name="lastname"
id="lastname" autocomplete="none" required>
          <span id="last"></span>
        </div>
        <div>
          <label for="birthday">Birthday</label>
          <input type="date" oninput="bdayHandler(event)" name="birthday"
id="birthday" autocomplete="none" required>
```

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        <span id="birth"></span>
    </div>
    <div>
        <label for="gender">Gender</label>
        <div class="gender">
            <input type="radio" name="gender" value="Male" id="gender"
checked="checked">Male
            <input type="radio" name="gender" value="Female" id="gender2">Female
        </div>
    </div>
    <div>
        <label for="email">Email</label>
        <input type="email" oninput="mailHandler(event)" name="email"
id="email" autocomplete="none" required>
        <span id="mail"></span>
    </div>
    <div>
        <label for="phone">Phone Number</label>
        <input type="number" oninput="phoneHandler(event)"
onkeypress="disableKeys(event)" name="phone" id="phone"
autocomplete="none" required>
        <span id="num"></span>
    </div>
    <div class="stretch">
        <label for="subject">Subject</label>
        <select oninput="dropdownHandler(event)" name="subject" id="subject"
required>
            <option value="">Choose Option</option>
            <option value="new">New Subscription</option>
        </select>
        <span id="subscription"></span>
    </div>
    <button type="submit" value="Submit">Submit</button>
</form>
</div>
</main>
<footer>
    <div>Copyright Information</div>
</footer>

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

</html>

```

CSS CODE

```
* {
  padding: 0;
  margin: 0;
  box-sizing: border-box;
}

body {
  background-color: #ddd;
  margin: 0.2rem 15rem;
  font-family: "Public Sans", sans-serif;
}

nav {
  border: 3px solid blue;
  display: flex;
  justify-content: space-between;
  align-items: center;
  padding: 0.2rem 1rem;
  margin: 0.2rem 2rem;
}

nav div,
footer div {
  border: 1px solid black;
  background-color: white;
  padding: 1rem;
  font-weight: bold;
  font-size: 1.2rem;
}

nav img {
  width: 6%;
}

main {
```

```

background-image: linear-gradient(to top right, #e65c9c, #6b0772);
height: 80vh;
margin: 0rem 3rem;
display: flex;
justify-content: center;
align-items: center;
}

.grid-form {
display: grid;
grid-template-columns: 1fr 1fr;
column-gap: 1.4rem;
row-gap: 0.8rem;
background-color: white;
padding: 2.4rem 3rem;
border-radius: 5px;
color: #666;
width: 55%;
font-size: 0.9rem;
letter-spacing: -0.5px;
}

.grid-form h2 {
margin-bottom: 1rem;
letter-spacing: -1px;
}

.grid-form div {
display: flex;
flex-direction: column;
gap: 0.5rem;
}

.grid-form div span {
color: red;
font-size: 0.7rem;
}

input,
select {
padding: 0.6rem;
background-color: #eee;
border-radius: 5px;
border: 1px solid #aaa;
font-size: 0.9rem;
color: #555;
}

```

```
select:hover,
input[type="date"]:hover,
input[type="radio"]:hover {
  cursor: pointer;
}

.gender {
  display: flex;
  flex-direction: row !important;
  align-items: center;
  height: 100%;
}

.stretch {
  grid-column: 1/3;
}

button {
  padding: 0.6rem;
  background-color: #3e43c3;
  color: white;
  border: none;
  border-radius: 5px;
  margin-top: 1rem;
  font-size: 1rem;
  width: 60%;
}

button:hover {
  cursor: pointer;
  background-color: #3e42c3e3;
}

footer {
  border: 3px solid blue;
  display: flex;
  justify-content: center;
  align-items: center;
  padding: 0.2rem 1rem;
  margin: 0.2rem 2rem;
}

/* MEDIA QUERIES */

@media (max-width: 1440px) {
  body {
    margin: 0.2rem 8rem;
    font-weight: bold;
  }
}
```

```

    }
}

@media (max-width: 1200px) {
  body {
    margin: 0.2rem 4rem;
  }
}

@media (max-width: 1096px) {
  body {
    margin: 0.2rem 0rem;
  }

  .grid-form {
    transform: scale(0.8);
  }
}

@media (max-width: 970px) {
  .grid-form {
    padding: 1rem 1.4rem;
  }
}

@media (max-width: 870px) {
  nav,
  footer {
    margin: 0.2rem;
    padding: 0.2rem 0.6rem;
  }

  nav div,
  footer div {
    padding: 0.6rem;
    font-size: 0.8rem;
  }

  nav img {
    width: 4%;
  }

  main {
    margin: 0.2rem 1rem;
    height: 89vh;
  }
}

```

```
@media (max-width: 810px) {
  .grid-form {
    width: 60%;
  }
}

@media (max-width: 740px) {
  .grid-form {
    width: 70%;
  }
}

@media (max-width: 650px) {
  .grid-form {
    width: 80%;
  }
}

@media (max-width: 565px) {
  .grid-form {
    width: 90%;
  }
}

@media (max-width: 544px) {
  .grid-form {
    grid-template-columns: 1fr;
    transform: scale(0.6);
  }

  .stretch {
    grid-column: unset;
  }

  main {
    height: 82vh;
  }

  button {
    width: 100%;
  }
}
```

JAVASCRIPT PART

```
function disableKeys(e) {
  if (
    e.keyCode == 43 ||
    e.keyCode == 45 ||
    e.keyCode == 46 ||
    e.keyCode == 101
  ) {
    e.preventDefault();
  }
}

function firstHandler(e) {
  const pattern = /^[a-zA-Z]+$/;

  const interval = setInterval(function () {
    if (pattern.test(e.target.value)) {
      if (e.target.value.length < 3) {
        document.querySelector("#first").innerHTML =
          "Please input atleast 3 alphabets.";
      } else if (e.target.value.length > 100) {
        document.querySelector("#first").innerHTML =
          "You cannot input more than 100 alphabets.";
      } else {
        document.querySelector("#first").innerHTML = "";
        clearInterval(interval);
      }
    } else {
      if (e.target.value.length == 0) {
        document.querySelector("#first").innerHTML =
          "This input cannot be empty.";
      } else {
        document.querySelector("#first").innerHTML =
          "Please enter only alphabets.";
      }
    }
  }, 800);
}
```



```

}

function lastHandler(e) {
  const pattern = /^[a-zA-Z]+$/;

  const interval = setInterval(function () {
    if (pattern.test(e.target.value)) {
      if (e.target.value.length < 3) {
        document.querySelector("#last").innerHTML =
          "Please input atleast 3 alphabets.";
      } else if (e.target.value.length > 100) {
        document.querySelector("#last").innerHTML =
          "You cannot input more than 100 alphabets.";
      } else {
        document.querySelector("#last").innerHTML = "";
        clearInterval(interval);
      }
    } else {
      if (e.target.value.length == 0) {
        document.querySelector("#last").innerHTML =
          "This input cannot be empty.";
      } else {
        document.querySelector("#last").innerHTML =
          "Please enter only alphabets.";
      }
    }
  }, 800);
}

```

```

function bdayHandler(e) {
  const interval = setInterval(function () {
    if (e.target.value.slice(0, 4) >= 2004) {
      document.querySelector("#birth").innerHTML =
        "You should be atleast 18 years old.";
    } else {
      document.querySelector("#birth").innerHTML = "";
      clearInterval(interval);
    }
  }, 800);
}

```

```

function mailHandler(e) {
  const pattern = /^[S+@\S+$/;
  const interval = setInterval(function () {
    if (!pattern.test(e.target.value)) {
      if (e.target.value.length == 0) {
        document.querySelector("#mail").innerHTML =
          "This input cannot be empty.";
      }
    }
  }, 800);
}

```

```

    } else {
        document.querySelector("#mail").innerHTML =
            "Please input correct e-mail.";
    }
} else {
    document.querySelector("#mail").innerHTML = "";
    clearInterval(interval);
}
}, 800);
}

function phoneHandler(e) {
    const pattern = /^[0-9]+$/;
    const interval = setInterval(function () {
        if (pattern.test(e.target.value)) {
            if (e.target.value.length < 10) {
                document.querySelector("#num").innerHTML =
                    "Please enter 10 digit phone number.";
            } else if (e.target.value.length > 10) {
                document.querySelector("#num").innerHTML =
                    "You cannot enter more than 10 digits.";
            } else {
                document.querySelector("#num").innerHTML = "";
                clearInterval(interval);
            }
        } else {
            document.querySelector("#num").innerHTML = "This field cannot be
empty.";
        }
    }, 800);
}

function dropdownHandler(e) {
    if (e.target.value !== "new") {
        document.querySelector("#subscription").innerHTML =
            "Please select an option.";
    } else {
        document.querySelector("#subscription").innerHTML = "";
    }
}

function submitHandler(e) {
    e.preventDefault();

    let gender = "";
    if (document.querySelector("#gender").checked) {
        gender = "Male";
    } else {

```

```
    gender = "Female";
}

localStorage.setItem(
    "First_Name",
    document.querySelector("#firstname").value
);
localStorage.setItem("Last_Name",
document.querySelector("#lastname").value);
localStorage.setItem("Birthday", document.querySelector("#birthday").value);
localStorage.setItem("Gender", gender);
localStorage.setItem("Email", document.querySelector("#email").value);
localStorage.setItem("Phone_Number",
document.querySelector("#phone").value);
localStorage.setItem("Subject", document.querySelector("#subject").value);

e.target.innerHTML = "Thanks! Your form is submitted.";
}
```

-----NANDRI VANAKKAM-----