

Shopping.html

```
<!DOCTYPE html>
<html>
<head>
  <title>Online Shopping</title>
  <link rel="stylesheet" href="shopping.css">
  <script src="validation.js" defer></script>
</head>
<body>
<header>
  <h1>Welcome to Online Shopping Store</h1>
</header>
<nav>
  <ul>
    <li><a href="#home">Home</a></li>
    <li><a href="#profile">Profile</a></li>
    <li><a href="#category">Category</a></li>
  </ul>
</nav>
<main>
  <section id="home">
    <h2>Home</h2>
    <p>Welcome to our online shopping store. Here, you can find the latest and trending products. Browse through our collection to find what suits your needs.</p>
  </section>
  <section id="profile">
    <h2>Profile</h2>
    <p>Update your personal information, including name, phone number, and email ID.</p>
    <form name="profileForm" onsubmit="return validateForm()">
      <label for="name">Name:</label>
      <input type="text" id="name" name="name"><br><br>
      <label for="phone">Phone Number:</label>
      <input type="text" id="phone" name="phone"><br><br>
      <label for="email">Email ID:</label>
      <input type="text" id="email" name="email"><br><br>
      <input type="submit" value="Submit">
    </form>
  </section>
</main>
```

```
    <li><a href="#profile">Profile</a></li>
    <li><a href="#category">Category</a></li>
  </ul>
</nav>
<main>
  <section id="home">
    <h2>Home</h2>
    <p>Welcome to our online shopping store. Here, you can find the latest and trending products. Browse through our collection to find what suits your needs.</p>
  </section>
  <section id="profile">
    <h2>Profile</h2>
    <p>Update your personal information, including name, phone number, and email ID.</p>
    <form name="profileForm" onsubmit="return validateForm()">
      <label for="name">Name:</label>
      <input type="text" id="name" name="name"><br><br>
      <label for="phone">Phone Number:</label>
      <input type="text" id="phone" name="phone"><br><br>
      <label for="email">Email ID:</label>
      <input type="text" id="email" name="email"><br><br>
      <input type="submit" value="Submit">
    </form>
  </section>
  <section id="category">
    <h2>Category</h2>
    <p>Explore our wide range of product categories, including electronics, fashion, home appliances, and more. Find top-rated products curated just for you.</p>
  </section>
</main>
<footer>
  <p>&copy; 2024 Online Shopping</p>
</footer>
</body>
</html>
```

Shopping.css

```
body {
  font-family: Arial, sans-serif;
  margin: 0;
  padding: 0;
}

header {
  background-color: #111;
  color: white;
  text-align: center;
  padding: 1em 0;
}

nav ul {
  list-style-type: none;
  padding: 0;
  margin: 0;
  background-color: #333;
  overflow: hidden;
}

nav ul li {
  float: left;
}

nav ul li a {
  display: block;
  color: white;
  text-align: center;
  padding: 14px 16px;
  text-decoration: none;
}

nav ul li a:hover {
```

```

}

nav ul li a:hover {
  background-color: #111;
}

main {
  padding: 20px;
}

form {
  margin: 20px 0;
}

label {
  display: inline-block;
  width: 150px;
}

input[type="text"], input[type="password"] {
  width: 200px;
  padding: 5px;
  margin-bottom: 10px;
}

input[type="submit"] {
  padding: 5px 10px;
  background-color: #4CAF50;
  color: white;
  border: none;
  cursor: pointer;
}

input[type="submit"]:hover {
  background-color: #45a049;
}

```

```

}

input[type="submit"] {
  padding: 5px 10px;
  background-color: #4CAF50;
  color: white;
  border: none;
  cursor: pointer;
}

input[type="submit"]:hover {
  background-color: #45a049;
}

footer {
  text-align: center;
  padding: 10px;
  background-color: #333;
  color: white;
  position: fixed;
  width: 100%;
  bottom: 0;
}

section {
  display: none;
  margin-bottom: 20px;
}

h2 {
  border-bottom: 2px solid #4CAF50;
  padding-bottom: 10px;
}

```

Validation.js

```

function validateForm() {
  let name = document.forms["profileForm"]["name"].value;
  let phone = document.forms["profileForm"]["phone"].value;
  let email = document.forms["profileForm"]["email"].value;

  if (name.trim() === "" || phone.trim() === "" || email.trim() === "") {
    alert("All fields must be filled out");
    return false;
  }
  if (!validateEmail(email)) {
    alert("Invalid email format");
    return false;
  }
  if (!validatePhone(phone)) {
    alert("Invalid phone number format. It should be a 10-digit number.");
    return false;
  }
  return true;
}

function validateEmail(email) {
  const re = /^[^s@]+@[^\s@]+\.[^\s@]+$/;
  return re.test(email);
}

function validatePhone(phone) {
  const re = /^[d]{10}$/;
  return re.test(phone);
}

document.addEventListener('DOMContentLoaded', function() {
  const sections = document.querySelectorAll('section');
  const navLinks = document.querySelectorAll('nav ul li a');
}

```

```
function validateForm() {
    let name = document.forms["profileForm"]["name"].value;
    let phone = document.forms["profileForm"]["phone"].value;
    let email = document.forms["profileForm"]["email"].value;

    if (name.trim() === "" || phone.trim() === "" || email.trim() === "") {
        alert("All fields must be filled out");
        return false;
    }
    if (!validateEmail(email)) {
        alert("Invalid email format");
        return false;
    }
    if (!validatePhone(phone)) {
        alert("Invalid phone number format. It should be a 10-digit number.");
        return false;
    }
    return true;
}

function validateEmail(email) {
    const re = /^[^\s@]+@[^\s@]+\.[^\s@]+$/;
    return re.test(email);
}

function validatePhone(phone) {
    const re = /^[0-9]{10}$/;
    return re.test(phone);
}

document.addEventListener('DOMContentLoaded', function() {
    const sections = document.querySelectorAll('section');
    const navLinks = document.querySelectorAll('nav ul li a');

```

Output





