1. The size of the header/logo and navigation is adjusted.
2. The layout of the header and navigation is adjusted.
3. Input validation is added to the contact and sign up page.
4. <!DOCTYPE html>
5. <html lang="en">
6. <!-- Here is the head element-->
7. <head>
8. <title>Homepage for a Fictional Business</title>
9. <meta name="author" content="Yiyang Hou">
10. <meta name="description" content="Homepage for a Fictional Business">
11. <meta charset="utf-8">
12. <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
13. <!-- Latest compiled and minified CSS -->
14. <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.0/css/bootstrap.min.css"
15. integrity="sha384-9aIt2nRpC12Uk9gS9baDl411NQApFmC26EwAOH8WgZl5MYYxFfc+NcPb1dKGj7Sk" crossorigin="anonymous">
16. </head>
17. <body>
18. <div class="row" style="background-color:goldenrod">
19. <div class="container">
20. <div class="col-md-12 text-right font-weight-bold">
21. <a class="btn btn-dark" href="Task5-3\_about\_us.html" role="button">About Us</a> &nbsp; &nbsp;
22. <a class="btn btn-dark" href="Task5-3\_support.html" role="button">Support</a> &nbsp; &nbsp;
23. <a class="btn btn-dark" href="Task5-3\_contact.html" role="button">Contact</a>&nbsp; &nbsp;
24. <a class="btn btn-dark" href="Task5-3\_login.html" role="button">Login</a>&nbsp; &nbsp;
25. </div>
26. </div>
27. </div>
28. <!-- Header part of the page within jumbotron -->
29. <div class="jumbotron" style="background-color:goldenrod">
30. <div class="container">
31. <div class="row">
32. <div class="col-md-3">
33. <img src="logo.png" alt="Logo" style="width: 100%;">
34. </div>
35. <!-- Some navigation options at the top -->
36. <div class="col-md-9 text-center font-weight-bold">
37. <form>
38. <!-- A search feature -->
39. <br>
40. <br>
41. <div class="form-row container">
42. <div class="col-md-10">
43. <input type="text" class="form-control" name="searchbox" id="searchbox"
44. placeholder="Make a search here">
45. </div>
46. <div class="col-md-2 font-weight-bold">
47. <input type="submit" class="form-control btn btn-dark" value="Search">
48. </div>
49. </div>
50. </form>
51. <hr style="height: 1em;">
52. <!-- Navigation of the site -->
53. <nav>
54. <div class="row container bg-dark">
55. <div class="col-md-4 font-weight-bold text-center">
56. <a href="Task5-3\_home.html" role="button" style="color: white;">HOME</a>
57. </div>
58. <div class="col-md-4 font-weight-bold text-center">
59. <a href="Task5-3\_product\_cate1.html " role="button" style="color: white;">ANIMAL PRODUCTS</a>
60. </div>
61. <div class="col-md-4 font-weight-bold text-center">
62. <a href="Task5-3\_product\_cate2.html" role="button" style="color: white;">VEGETABLES</a>
63. </div>
64. </div>
65. </nav>
66. </div>
67. </div>
68. </div>
69. </div>
70. <div class="container">
71. <div class="row">
72. <!-- Social Media Section -->
73. <div class="col-md-2" style="background-color: khaki;">
74. <h5>Social Media</h5>
75. <b>Follow us on:</b>
76. <a href="https://www.facebook.com"><img src="facebook.png" alt="Facebook Logo" style="width:100%"></a>
77. <a href="https://www.linkedin.com"><img src="LinkedIn.png" alt="LinkedIn Logo" style="width:100%;"></a>
78. <a href="https://www.twitter.com"><img src="Twitter.webp" alt="Twitter Logo" style="width:100%;"></a>
79. <a href="https://www.youtube.com"><img src="YouTube.png" alt="YouTube Logo" style="width:100%"></a>
80. </div>
81. <div class="col-md-10">
82. <!-- Homepage Content Section -->
83. <h2>Highlight of the Week!</h2>
84. <br>
85. <div class="container">
86. <div id="newCarousel" class="carousel slide" data-ride="carousel">
87. <!--Indicators-->
88. <ol class="carousel-indicators">
89. <li data-target="#newCarousel" data-slide-to="0" class="active"></li>
90. <li data-target="#newCarousel" data-slide-to="1"></li>
91. </ol>
92. <!-- Wrapper for slides -->
93. <div class="carousel-inner">
94. <div class="carousel-item active">
95. <a href="Task5-3\_product1.html" style="color: black;">
96. <img src="eggs.jpg" alt="Eggs" style="width:100%;">
97. <div class="carousel-caption font-weight-bold">
98. <h5 style="color: black;">
99. Eggs&nbsp;&nbsp;$10
100. </h5>
101. </div>
102. </a>
103. </div>
104. <div class="carousel-item">
105. <a href="Task5-3\_product2.html" style="color: black;">
106. <img src="broccoli.jpg" alt="Broccoli" style="width:100%;">
107. <div class="carousel-caption font-weight-bold">
108. <h5>
109. Broccoli&nbsp;&nbsp;$10
110. </h5>
111. </div>
112. </a>
113. </div>
114. </div>
115. <!-- Left and right controls -->
116. <a class="carousel-control-prev" href="#newCarousel" data-slide="prev">
117. <span class="carousel-control-prev-icon"></span>
118. <span class="sr-only">Previous</span>
119. </a>
120. <a class="carousel-control-next" href="#newCarousel" data-slide="next">
121. <span class="carousel-control-next-icon"></span>
122. <span class="sr-only">Next</span>
123. </a>
124. </div>
125. </div>
126. </div>
127. </div>
128. <!-- footer -->
129. <footer>
130. <small><i> This website belongs to a fictional company</i></small>
131. </footer>
132. </div>
133. <!-- Optional JavaScript -->
134. <!-- jQuery first, then Popper.js, then Bootstrap JS -->
135. <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"
136. integrity="sha384-DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj"
137. crossorigin="anonymous"></script>
138. <script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.0/dist/umd/popper.min.js"
139. integrity="sha384-Q6E9RHvbIyZFJoft+2mJbHaEWldlvI9IOYy5n3zV9zzTtmI3UksdQRVvoxMfooAo"
140. crossorigin="anonymous"></script>
141. <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.0/js/bootstrap.min.js"
142. integrity="sha384-OgVRvuATP1z7JjHLkuOU7Xw704+h835Lr+6QL9UvYjZE3Ipu6Tp75j7Bh/kR0JKI"
143. crossorigin="anonymous"></script>
144. </body>
145. </html>

<!DOCTYPE html>

<html lang="en">

<!-- Here is the head element-->

<head>

    <title>Contact</title>

    <meta name="author" content="Yiyang Hou">

    <meta name="description" content="Contact">

    <meta charset="utf-8">

    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

    <!-- Latest compiled and minified CSS -->

    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.0/css/bootstrap.min.css"

        integrity="sha384-9aIt2nRpC12Uk9gS9baDl411NQApFmC26EwAOH8WgZl5MYYxFfc+NcPb1dKGj7Sk" crossorigin="anonymous">

    <script>

        function validation() {

            var numbers = /^[0-9]+$/, flag;

            flag = true;

            if (document.getElementById("name").value.length == 0) {

                document.getElementById("nameError").innerHTML = "<span class='text-danger'><i>You did not enter your name</i></span>";

                flag = false;

            }

            else {

                document.getElementById("nameError").innerHTML = "";

            }

            if (document.getElementById("email").value.length == 0) {

                document.getElementById("emailError").innerHTML = "<span class='text-danger'><i>You did not enter your email address</i></span>";

                flag = false;

            }

            else if (document.getElementById("email").value.indexOf("@") < 0) {

                document.getElementById("emailError").innerHTML = "<span class='text-danger'><i>Your input is invalid, it does not contain @</i></span>";

                flag = false;

            }

            else {

                document.getElementById("emailError").innerHTML = "";

            }

            if (document.getElementById("phone").value.length == 0) {

                document.getElementById("phoneError").innerHTML = "<span class='text-danger'><i>You did not enter your phone number</i></span>";

                flag = false;

            }

            else if (!document.getElementById("phone").value.match(numbers)) {

                document.getElementById("phoneError").innerHTML = "<span class='text-danger'><i>Your phone number must be an array of numbers</i></span>";

                flag = false;

            }

            else if (document.getElementById("phone").value.length != 10) {

                document.getElementById("phoneError").innerHTML = "<span class='text-danger'><i>Phone number must be exactly 10 digits</i></span>";

                flag = false;

            }

            else{

                document.getElementById("phoneError").innerHTML = "";

            }

            if (document.getElementById("subject").value.length == 0) {

                document.getElementById("subjectError").innerHTML = "<span class='text-danger'><i>You must have a subject</i></span>";

                flag = false;

            }

            else {

                document.getElementById("subjectError").innerHTML = "";

            }

            return flag;

        }

    </script>

</head>

<body>

    <div class="row" style="background-color:goldenrod">

        <div class="container">

            <div class="col-md-12 text-right font-weight-bold">

                <a class="btn btn-dark" href="Task5-3\_about\_us.html" role="button">About Us</a> &nbsp; &nbsp;

                <a class="btn btn-dark" href="Task5-3\_support.html" role="button">Support</a> &nbsp; &nbsp;

                <a class="btn btn-dark" href="Task5-3\_contact.html" role="button">Contact</a>&nbsp; &nbsp;

                <a class="btn btn-dark" href="Task5-3\_login.html" role="button">Login</a>&nbsp; &nbsp;

            </div>

        </div>

    </div>

    <!-- Header part of the page within jumbotron -->

    <div class="jumbotron" style="background-color:goldenrod">

        <div class="container">

            <div class="row">

                <div class="col-md-3">

                    <img src="logo.png" alt="Logo" style="width: 100%;">

                </div>

                <!-- Some navigation options at the top -->

                <div class="col-md-9 text-center font-weight-bold">

                    <form>

                        <!-- A search feature -->

                        <br>

                        <br>

                        <div class="form-row container">

                            <div class="col-md-10">

                                <input type="text" class="form-control" name="searchbox" id="searchbox"

                                    placeholder="Make a search here">

                            </div>

                            <div class="col-md-2 font-weight-bold">

                                <input type="submit" class="form-control btn btn-dark" value="Search">

                            </div>

                        </div>

                    </form>

                    <hr style="height: 1em;">

                    <!-- Navigation of the site -->

                    <nav>

                        <div class="row container bg-dark">

                            <div class="col-md-4 font-weight-bold text-center">

                                <a href="Task5-3\_home.html" role="button" style="color: white;">HOME</a>

                            </div>

                            <div class="col-md-4 font-weight-bold text-center">

                                <a href="Task5-3\_product\_cate1.html " role="button" style="color: white;">ANIMAL

                                    PRODUCTS</a>

                            </div>

                            <div class="col-md-4 font-weight-bold text-center">

                                <a href="Task5-3\_product\_cate2.html" role="button" style="color: white;">VEGETABLES</a>

                            </div>

                        </div>

                    </nav>

                </div>

            </div>

        </div>

    </div>

    <div class="container">

        <div class="container">

            <h2>Contact</h2>

            <p>

                Company contact details are placed here.<br><br><br><br><br><br><br><br><br>

            </p>

            <!-- Contact Form-->

            <h3>Please fill out the form to send us a messgae:</h3>

            <br>

            <form onsubmit="return validation()">

                <div class="form-group row">

                    <label class="col-form-label col-md-3 col-4 text-right font-weight-bold" for="name">Name:</label>

                    <div class="col-md-6 col-5">

                        <input type="text" class="form-control" name="name" id="name" placeholder="Your Name">

                    </div>

                    <span class="col-md-3 col-3" id="nameError">

                    </span>

                </div>

                <div class="form-group row">

                    <label class="col-form-label col-md-3 col-4 text-right font-weight-bold" for="email">Email:</label>

                    <div class="col-md-6 col-5">

                        <input type="text" class="form-control" name="email" id="email" placeholder="Enter Email">

                    </div>

                    <span class="col-md-3 col-3" id="emailError">

                    </span>

                </div>

                <div class="form-group row">

                    <label class="col-form-label col-md-3 col-4 text-right font-weight-bold" for="phone">Phone:</label>

                    <div class="col-md-6 col-5">

                        <input type="text" class="form-control" name="phone" id="phone"

                            placeholder="Enter Phone Number">

                    </div>

                    <span class="col-md-3 col-3" id="phoneError">

                    </span>

                </div>

                <div class="form-group row">

                    <label class="col-form-label col-md-3 col-4 text-right font-weight-bold"

                        for="subject">Subject:</label>

                    <div class="col-md-6 col-5">

                        <input type="text" class="form-control" name="subject" id="subject"

                            placeholder="Subject of the Message">

                    </div>

                    <span class="col-md-3 col-3" id="subjectError">

                    </span>

                </div>

                <div class="form-group row">

                    <label class="col-form-label col-md-3 col-4 text-right font-weight-bold"

                        for="message">Message:</label>

                    <div class="col-md-9 col-8">

                        <textarea class="form-control" name="message" id="message" rows="5">

                            </textarea>

                    </div>

                </div>

                <div class="form-group row col-md-9 offset-md-3 col-9 offset-3">

                    <div>

                        <input type="submit" value="Submit">

                    </div>

                    &nbsp;

                    <div>

                        <input type="reset" value="Reset">

                    </div>

                </div>

            </form>

        </div>

        <footer>

            <small><i> This website belongs to a fictional company</i></small>

        </footer>

    </div>

    <!-- Optional JavaScript -->

    <!-- jQuery first, then Popper.js, then Bootstrap JS -->

    <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"

        integrity="sha384-DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj"

        crossorigin="anonymous"></script>

    <script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.0/dist/umd/popper.min.js"

        integrity="sha384-Q6E9RHvbIyZFJoft+2mJbHaEWldlvI9IOYy5n3zV9zzTtmI3UksdQRVvoxMfooAo"

        crossorigin="anonymous"></script>

    <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.0/js/bootstrap.min.js"

        integrity="sha384-OgVRvuATP1z7JjHLkuOU7Xw704+h835Lr+6QL9UvYjZE3Ipu6Tp75j7Bh/kR0JKI"

        crossorigin="anonymous"></script>

</body>

</html>

<!DOCTYPE html>

<html lang="en">

<!-- Here is the head element-->

<head>

    <title>Sign Up</title>

    <meta name="author" content="Yiyang Hou">

    <meta name="description" content="Sign up">

    <meta charset="utf-8">

    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

    <!-- Latest compiled and minified CSS -->

    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.0/css/bootstrap.min.css"

        integrity="sha384-9aIt2nRpC12Uk9gS9baDl411NQApFmC26EwAOH8WgZl5MYYxFfc+NcPb1dKGj7Sk" crossorigin="anonymous">

        <script>

            function validation(){

            var flag;

            flag = true;

            if (document.getElementById("username").value.length == 0) {

                document.getElementById("usernameError").innerHTML = "<span class='text-danger'><i>You did not enter your username</i></span>";

                flag = false;

            }

            else {

                document.getElementById("usernameError").innerHTML = "";

            }

            if (document.getElementById("password").value.length == 0) {

                document.getElementById("passwordError").innerHTML = "<span class='text-danger'><i>You did not enter your password</i></span>";

                flag = false;

            }

            else {

                document.getElementById("passwordError").innerHTML = "";

            }

            if (document.getElementById("password2").value != document.getElementById("password").value) {

                document.getElementById("password2Error").innerHTML = "<span class='text-danger'><i>Your input is different to your password</i></span>";

                flag = false;

            }

            else {

                document.getElementById("password2Error").innerHTML = "";

            }

            if (document.getElementById("email").value.length == 0) {

                document.getElementById("emailError").innerHTML = "<span class='text-danger'><i>You did not enter your email address</i></span>";

                flag = false;

            }

            else if (document.getElementById("email").value.indexOf("@") < 0) {

                document.getElementById("emailError").innerHTML = "<span class='text-danger'><i>Your input is invalid, it does not contain @</i></span>";

                flag = false;

            }

            else {

                document.getElementById("emailError").innerHTML = "";

            }

            return flag;

            }

        </script>

</head>

<body>

    <div class="row" style="background-color:goldenrod">

        <div class="container">

            <div class="col-md-12 text-right font-weight-bold">

                <a class="btn btn-dark" href="Task5-3\_about\_us.html" role="button">About Us</a> &nbsp; &nbsp;

                <a class="btn btn-dark" href="Task5-3\_support.html" role="button">Support</a> &nbsp; &nbsp;

                <a class="btn btn-dark" href="Task5-3\_contact.html" role="button">Contact</a>&nbsp; &nbsp;

                <a class="btn btn-dark" href="Task5-3\_login.html" role="button">Login</a>&nbsp; &nbsp;

            </div>

        </div>

    </div>

    <!-- Header part of the page within jumbotron -->

    <div class="jumbotron" style="background-color:goldenrod">

        <div class="container">

            <div class="row">

                <div class="col-md-3">

                    <img src="logo.png" alt="Logo" style="width: 100%;">

                </div>

                <!-- Some navigation options at the top -->

                <div class="col-md-9 text-center font-weight-bold">

                    <form>

                        <!-- A search feature -->

                        <br>

                        <br>

                        <div class="form-row container">

                            <div class="col-md-10">

                                <input type="text" class="form-control" name="searchbox" id="searchbox"

                                    placeholder="Make a search here">

                            </div>

                            <div class="col-md-2 font-weight-bold">

                                <input type="submit" class="form-control btn btn-dark" value="Search">

                            </div>

                        </div>

                    </form>

                    <hr style="height: 1em;">

                    <!-- Navigation of the site -->

                    <nav>

                        <div class="row container bg-dark">

                            <div class="col-md-4 font-weight-bold text-center">

                                <a href="Task5-3\_home.html" role="button" style="color: white;">HOME</a>

                            </div>

                            <div class="col-md-4 font-weight-bold text-center">

                                <a href="Task5-3\_product\_cate1.html " role="button" style="color: white;">ANIMAL

                                    PRODUCTS</a>

                            </div>

                            <div class="col-md-4 font-weight-bold text-center">

                                <a href="Task5-3\_product\_cate2.html" role="button" style="color: white;">VEGETABLES</a>

                            </div>

                        </div>

                    </nav>

                </div>

            </div>

        </div>

    </div>

    <div class="container">

        <div class="container">

            <!-- Sign Up -->

            <h2>Sign up</h2>

            <form onsubmit="return validation()">

                <div class="form-group row">

                    <label class="col-form-label col-md-3 col-4 text-right font-weight-bold"

                        for="username">Username:</label>

                    <div class="col-md-6 col-5">

                        <input type="text" class="form-control" name="username" id="username">

                    </div>

                    <span class="col-md-3 col-3" id="usernameError">

                    </span>

                </div>

                <div class="form-group row">

                    <label class="col-form-label col-md-3 col-4 text-right font-weight-bold"

                        for="password">Password:</label>

                    <div class="col-md-6 col-5">

                        <input type="password" class="form-control" name="password" id="password">

                    </div>

                    <span class="col-md-3 col-3" id="passwordError">

                    </span>

                </div>

                <div class="form-group row">

                    <label class="col-form-label col-md-3 col-4 text-right font-weight-bold"

                        for="password2">Repeat Your Password:</label>

                    <div class="col-md-6 col-5">

                        <input type="password" class="form-control" name="password2" id="password2"

                            placeholder="Please Repeat Your Password">

                    </div>

                    <span class="col-md-3 col-3" id="password2Error">

                    </span>

                </div>

                <div class="form-group row">

                    <label class="col-form-label col-md-3 col-4 text-right font-weight-bold" for="email">Email:</label>

                    <div class="col-md-6 col-5">

                        <input type="text" class="form-control" name="email" id="email">

                    </div>

                    <span class="col-md-3 col-3" id="emailError">

                    </span>

                </div>

                <div class="form-group row col-md-9 offset-md-3 col-9 offset-3">

                    <div>

                        <input type="submit" value="Sign Up">

                    </div>

                    &nbsp;

                    <div>

                        <input type="reset" value="Reset">

                    </div>

                </div>

            </form>

        </div>

        <footer>

            <small><i> This website belongs to a fictional company</i></small>

        </footer>

    </div>

    <!-- Optional JavaScript -->

    <!-- jQuery first, then Popper.js, then Bootstrap JS -->

    <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"

        integrity="sha384-DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj"

        crossorigin="anonymous"></script>

    <script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.0/dist/umd/popper.min.js"

        integrity="sha384-Q6E9RHvbIyZFJoft+2mJbHaEWldlvI9IOYy5n3zV9zzTtmI3UksdQRVvoxMfooAo"

        crossorigin="anonymous"></script>

    <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.0/js/bootstrap.min.js"

        integrity="sha384-OgVRvuATP1z7JjHLkuOU7Xw704+h835Lr+6QL9UvYjZE3Ipu6Tp75j7Bh/kR0JKI"

        crossorigin="anonymous"></script>

</body>

</html>