Day 8 – Internship Report

Date: 2nd July 2025

Internship Role: Front-End Developer Intern

Company: ProSensia

Topic: CSS Box Model – Margin, Padding, Border, Content

Today's Experience

Today's task was focused on understanding the **CSS Box Model**. I learned how every HTML element is treated like a rectangular box and how we can control its spacing and layout using margin, padding, border, and content.

W3Schools provided a very helpful diagram and practical code examples. I practiced applying these properties on various elements in my existing web page such as images, headings, tables, and paragraphs. It helped me see clearly how the visual spacing around elements is created.

What I Learned

- **Content**: This is the actual element — text, image, or other content.

- **Padding**: Space *inside* the element, between the content and the border. It adds inner spacing.

- **Border**: A visible edge around the element that wraps the padding and content.

- **Margin**: Space *outside* the border — it separates the element from other elements.

Code

```html
1   <!DOCTYPE html>
2   <html>
3   <head>
4     <title>Day 8 - CSS Box Model Practice</title>
5     <style>
6       body {
7         background-color: honeydew;
8         font-family: 'Times New Roman', serif;
9         color: black;
10        margin: 20px;
11        padding: 20px;
12        border: 5px solid #d0e0c0;
13      }
14
15      table {
16        width: 100%;
17        border-collapse: collapse;
18        margin-bottom: 20px;
19      }
20
21      td {
22        background-color: darkseagreen;
23        color: white;
24        padding: 15px;
25        text-align: center;
26        border: 2px solid white;
27      }
28
```

```html
3   <head>
5     <style>
29        a {
30          color: white;
31          text-decoration: none;
32        }
33
34        h1 {
35          text-align: center;
36          background-color: #eaffea;
37          padding: 20px;
38          margin: 30px auto;
39          border: 3px solid darkgreen;
40          width: 80%;
41        }
42
43        img {
44          display: block;
45          margin: 30px auto;
46          padding: 10px;
47          border: 5px solid #4CAF50;
48          border-radius: 8px;
49          background-color: #ffffff;
50          width: 150px;
51          height: auto;
52        }
53
54        hr {
55          margin-top: 40px;
```
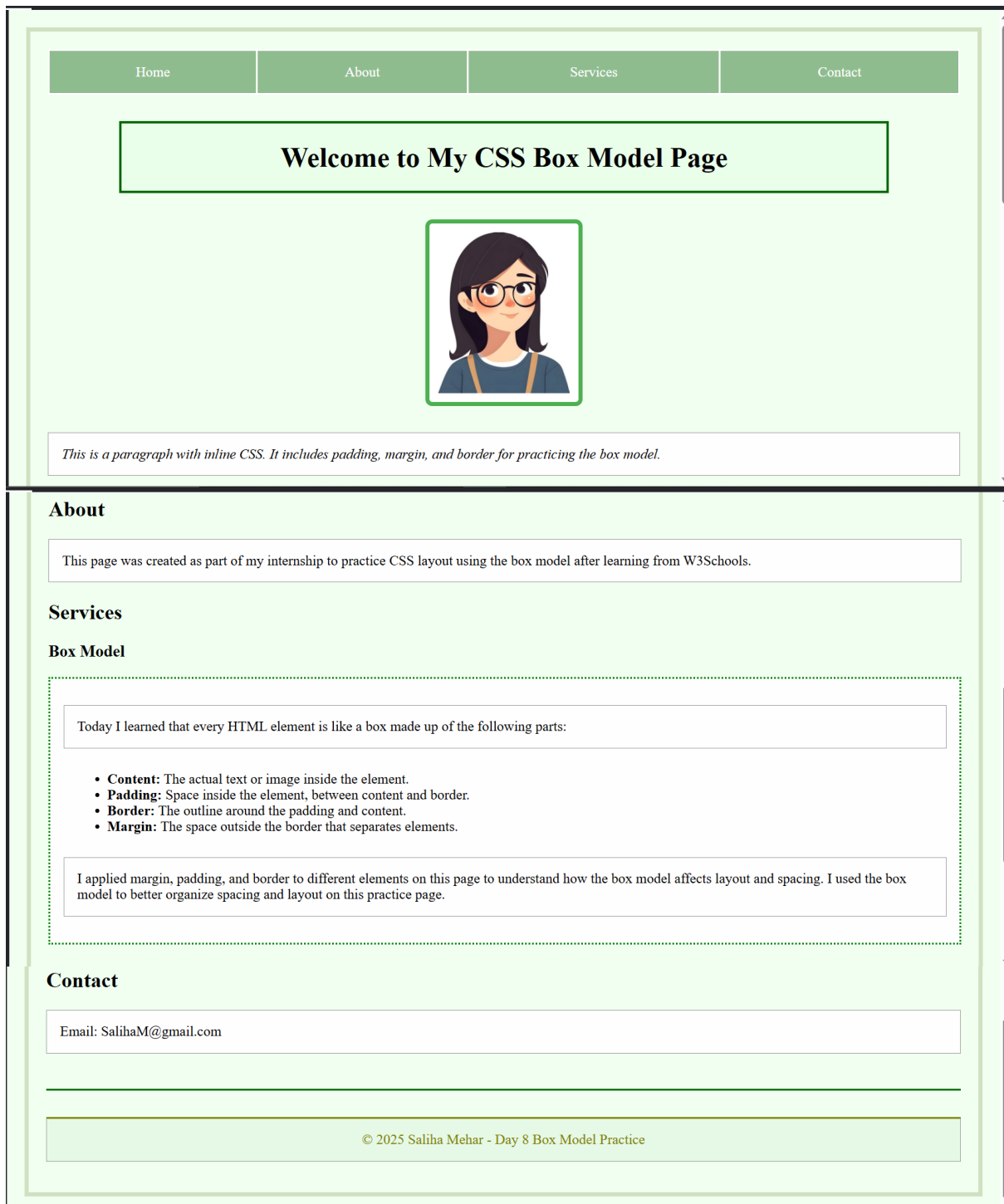
```
 3    <head>
 5      <style>
54        hr {
55          margin-top: 40px;
56          border: none;
57          height: 2px;
58          background-color: darkgreen;
59        }
60
61        p {
62          padding: 15px;
63          margin: 15px 0;
64          border: 1px solid #999;
65          background-color: #fefefe;
66        }
67
68        ul {
69          margin-left: 40px;
70          padding: 10px;
71        }
72
73        footer p {
74          text-align: center;
75          font-size: medium;
76          color: olive;
77          margin-top: 30px;
78          padding: 15px;
79          border-top: 2px solid olive;
80          background-color: #e6f9e6;
81        }
```

```
 2    <html>
 3    <head>
 5      <style>
83        .boxmodel-container {
84          border: 2px dotted ■green;
85          padding: 15px;
86          margin-top: 10px;
87          background-color: ■#fefefe;
88        }
89      </style>
90    </head>
91    <body>
92
93      <table border="1">
94        <tr>
95          <td><a href="#home">Home</a></td>
96          <td><a href="#about">About</a></td>
97          <td><a href="#services">Services</a></td>
98          <td><a href="#contact">Contact</a></td>
99        </tr>
100     </table>
101
102     <h1 id="home">Welcome to My CSS Box Model Page</h1>
103
104     <img src="https://www.bing.com/th/id/OIP.Zoe4M4iIcrwX-1BVbi8fkAHaJE" alt="Learning CSS" />
105
106     <p style="font-style: italic;">This is a paragraph with inline CSS. It includes padding, margin, a
107
108     <h2 id="about">About</h2>
```

```
    <html>
    <body>

    <p>This page was created as part of my internship to practice CSS layout using the box model after learn

    <h2 id="services">Services</h2>

    <h3 style="margin-top: 0; padding-top: 0;">Box Model</h3>

    <div class="boxmodel-container">
      <p>Today I learned that every HTML element is like a box made up of the following parts:</p>
      <ul>
        <li><strong>Content:</strong> The actual text or image inside the element.</li>
        <li><strong>Padding:</strong> Space inside the element, between content and border.</li>
        <li><strong>Border:</strong> The outline around the padding and content.</li>
        <li><strong>Margin:</strong> The space outside the border that separates elements.</li>
      </ul>
      <p>I applied margin, padding, and border to different elements on this page to understand how the box
    </div>

    <h2 id="contact">Contact</h2>
    <p>Email: SalihaM@gmail.com</p>


    <footer>
      <p>© 2025 Saliha Mehar - Day 8 Box Model Practice</p>
    </footer>

    </body>
    </html>
```

Home | **About** | **Services** | **Contact**

Welcome to My CSS Box Model Page

This is a paragraph with inline CSS. It includes padding, margin, and border for practicing the box model.

About

This page was created as part of my internship to practice CSS layout using the box model after learning from W3Schools.

Services

Box Model

Today I learned that every HTML element is like a box made up of the following parts:

- **Content:** The actual text or image inside the element.
- **Padding:** Space inside the element, between content and border.
- **Border:** The outline around the padding and content.
- **Margin:** The space outside the border that separates elements.

I applied margin, padding, and border to different elements on this page to understand how the box model affects layout and spacing. I used the box model to better organize spacing and layout on this practice page.

Contact

Email: SalihaM@gmail.com

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Outcomes

- Understood the full structure of the CSS Box Model

- Practiced styling each part of the model: content, padding, border, margin

- Realized how small spacing tweaks can make big layout improvements

Conclusion

The Box Model is a very important part of front-end layout design. It gave me a new perspective on how space is managed in web pages. With the help of W3Schools, I applied the concept practically in my existing styled page and it worked well. I now feel more confident in controlling layouts using CSS.