

Day 2 – Front-End Development Progress Report

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1. Objective

The focus of today's practice was to **enhance the webpage with icons, image sections, and product containers**, and to start applying **basic CSS styling** for better readability and structure.

2. Work Completed

a) External Libraries & Icons

- Integrated **Font Awesome, Bootstrap Glyphicons, and Google Material Icons**.
- Added icons to the **navigation bar** items (House, User, Cloud, Heart).

b) Navigation Bar Enhancement

- Redesigned the `<nav>` to use `` and `` elements.
- Combined **text and icons** inside navigation links.
- Structured it for easier CSS styling.

c) Content Section Improvements

- Added a **summary section** (`class="summary"`).
- Grouped the student table inside a `class="table"` wrapper.
- Organized form fields with better **labels and placeholders**.

d) Media & Layout Enhancements

- Created a **PRODUCTS section** with container/box design.
- Added images (coffee.jpg, laptop.jpg, phone.jpg).
- Wrapped the image map inside `class="map"`.

e) CSS Basics Applied

Practiced **basic CSS properties**:

1. Colors & Backgrounds

- Changed text color, background color, and highlighted sections.
- 2. **Font Styling**
 - Used font-family, font-size, font-weight, and text-align.
- 3. **Box Model**
 - Applied margin, padding, and border to containers.
- 4. **Navigation Styling**
 - Added hover effects using `a:hover { color: ...; background-color: ... }`.
- 5. **Table Styling**
 - Used border, border-collapse, and text-align for clean layout.
- 6. **Form Styling**
 - Styled input fields with padding, width, and border-radius for better look.
- 7. **Image Styling**
 - Practiced with width, height, and border-radius (making rounded images).

3. Key Learnings

- How to apply **basic CSS rules** for text, background, and containers.
- Importance of the **box model** in spacing and layout.
- How to add **hover effects** for interactivity.
- Improved confidence in **styling navigation, forms, and tables**.

Conclusion:

Day 2 introduced not only structure and icons but also the **foundation of CSS styling**. Now understand how to control colors, fonts, spacing, and hover effects, which are the building blocks for modern front-end design.