

Explanation of Requirement Implementation

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1 Pages Developed

- **Homepage:** index.html
- **Career Skill Page:** career.html
- **External Stylesheet:** styles.css

2 Homepage Requirements and Where They Were Applied

2.1 Personal Identification

- **Photo:**
Implemented using the `` tag in `index.html`
- **Full Name & Student ID:**
Displayed inside the `<header>` section using `<h1>` and `<p>` tags

2.2 Personal Information (Background, Hobbies, Interests)

- **Background:**
Presented as text inside a `<p>` tag in the main content section
- **Hobbies:**
Clearly labeled using `Hobbies:` inside a paragraph
- **Interests:**
Clearly labeled using `Interests:` with topics such as Artificial Intelligence, Cybersecurity, System Optimization, and Cloud Computing

2.3 Hyperlinks

- **Email Link:**
Implemented using a `mailto:` link

- **Career Skill Page Link:**
Implemented using an `<a>` tag pointing to career.html
- **Team Page Link:**
Implemented using an `<a>` tag pointing to index.html in the root folder.

All links use the reusable `.link` class.

2.4 Career Skill Development Plan

- Included as a clearly labeled section titled “**Career Skill Development Plan**”
- Describes long-term professional growth goals

3 3. Styling Rules for Homepage

3.1 External CSS (styles.css)

- **Paragraph styling:**
Applied globally using the `p {}` selector
- **Generic reusable class:**
`.card` class used across multiple sections
- **Tag-specific class:**
`.header h1` styles the heading inside the header
- **Link class with hover effect:**
`.link` and `.link:hover` applied to all anchor tags

3.2 Embedded CSS (inside index.html)

- **ID selector:**
`#bio-text` applied to the personal introduction paragraph
- **Heading styling:**
`h2 {}` used to style section headings
- **Contextual selector:**
`div.content p {}` used to style paragraphs inside the content section

3.3 Responsive Design

- Implemented using **media queries** in styles.css
- Ensures compatibility with **mobile, tablet, and desktop** screens

4 Career Skill Page Requirements (career.html)

4.1 Hard Skills

- Listed under a clearly labeled **Hard Skills** section
- Includes programming languages, frameworks, and technical competencies

4.2 Soft Skills

- Listed under a clearly labeled **Soft Skills** section
- Includes communication, teamwork, leadership, and problem-solving

4.3 Inline CSS Usage

- Multiple inline styles applied directly within HTML elements
Examples:

- Text color
- Font size
- Margins and spacing