

# 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 `<img>` 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 `<strong>Hobbies:</strong>` inside a paragraph
- **Interests:**  
Clearly labeled using `<strong>Interests:</strong>` 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