Web Design and Development

4COSC011W

Report

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Contents

1. Introduction

The significance of web design in the digital age cannot be emphasized. It is the foundation upon which user experiences are built, profoundly shaping interactions and perceptions. This report offers an in-depth look into the development process of our web page project, centered around the theme of "Good Health and Well-being" in alignment with the United Nations Sustainable Development Goals (SDGs).

Our website, named "GreenMart," is dedicated to promoting healthy living by offering a range of fruits and vegetables. Through thoughtful design and intuitive user interfaces, we aim to inspire individuals to make healthier choices for themselves and the planet.

The focus of this report is on the creation of the Splash Screen, Home Page, Gallery, Shop, User profile, Feedback, Sitemap, Team, Content page, and Page Editor pages for the "GreenMart" website. These pages are crucial to the overall user experience, providing essential information and fostering a sense of community among visitors.

The user profile page is designed to collect user information through a series of prompts, allowing for a personalized experience. It features a progressive display of user output, guiding users through the process and providing feedback along the way. Additionally, the page includes progress completion indicators, ensuring users are aware of their progress and encouraging them to complete the form.

The team page, on the other hand, offers insights into the individuals behind the GreenMart project. It showcases the team members' roles and contributions, creating a sense of transparency and trust with the audience.

Through this report, aim to provide a detailed account of our design process, including the technologies and methodologies used, as well as the challenges faced, and solutions implemented, and hope that experience will serve as a valuable resource for others embarking on similar web design projects.

1.1 Team Members and Task Allocation

- Student 01: Sandith Sithmaka (20230932/w2053202)

    Splash screen

    Shop

    Content page

    Page Editor

- Student 02: Supun Pamuditha(20222000/w2053217)

    Home page

    Feedback

    Content page

    Page Editor

- Student 03: D.W.A.N.N. Wadisingha (20222153/w2052268)

    User profile

    Team

    Content page

    Page Editor

- Student 04: Sathira Dahanayaka (20222161/w2053224)

    Gallery

    Sitemap

    Content page

    Page Editor

1.2   Website topic/theme

Topic: **Good Health and Well-being**

Theme: **Green**

The website's topic, "Good Health and Well-being," focuses on promoting and encouraging practices that contribute to a healthy lifestyle and overall well-being. This includes information on physical health, mental health, nutrition, fitness, and general wellness tips. The theme of green is often associated with health and well-being, symbolizing nature, freshness, and vitality. Incorporating green into the website's design can create a calming and inviting

atmosphere, enhancing the overall user experience, and reinforcing the message of health and well-being.

1.3   Contributions

Group Coursework Meetings		
1	**Date & Time**	**15.03.2024**
	Objective:	**Discussing requirements, assignment division, choosing a subject, and selecting an appropriate website name.**
	Attended:	**All teammates attended**
	Your Contribution:	**Providing ideas for choosing a topic and naming the website.**
2	**Date & Time:**	**18.03.2024**
	Objective:	**Completing the website's design, finalizing the topic and theme, and resolving issues.**
	Attended:	**All teammates attended**
	Your Contribution:	**Providing ideas for the website's design, finalizing the topic and theme, and resolving issues.**
3	**Date & Time**	**20.03.2024**
	Objective:	**Agreeing on the website topic and assigning student roles.**
	Attended:	**All teammates attended**
	Your Contribution:	**Facilitating a successful meeting and taking a student 3 role.**
4	**Date & Time:**	**25.03.2024**
	Objective:	**Discussing the project's progression.**
	Attended:	**All teammates attended**
	Your Contribution:	**Contributing to a successful meeting**
5	**Date & Time:**	**30.03.2024**
	Objective:	**Linking all project components into one cohesive project**
	Attended:	**All teammates attended**
	Your Contribution:	**Contributing to a successful meeting**

Table 1 A system for recording group meetings, attendance, output, actions

2   Technical Discussion

2.1   Implementation

2.1.1   User Profile Implementation

Approach

Layout and Structure

The user profile section is designed to be intuitive and user-friendly, guiding users through a series of prompts to collect their information gradually. Each prompt is presented clearly and concisely, ensuring that users can easily understand and respond to them. The prompts are organized into categories such as personal details, preferences, interests, and other relevant information, providing a comprehensive view of the user's profile.

Use of HTML

HTML is used to create the structure of the user profile section, including the layout of the prompts and the form elements used to collect user information. Each prompt is represented as a separate section of the form, with input fields for users to enter their information. The HTML structure is designed to be flexible, allowing for easy addition of new prompts or categories as needed.

Progress Bar: A progress bar (`<div id="progressBarContainer">`) is implemented using HTML div elements to visually indicate the user's progress through the questionnaire.

```html
<div class="container">
  <h3 id="progresspre"></h3>
  <div id="progressBarContainer">
    <div class="progress-fill"></div> <!-- This div represents the filled portion of the bar -->
    <div class="step"></div><div class="step"></div><div class="step"></div>
    <div class="step"></div><div class="step"></div><div class="step"></div>
    <div class="step"></div><div class="step"></div><div class="step"></div>
    <div class="step"></div><div class="step"></div><div class="step"></div>
  </div>
  <button id="startBtn">Start Questionnaire</button>
  <div id="questionModal">
    <h4 id="heading">STEP 01 STAGE 01 | 1/4</h4>
    <p id="questionText">Question will appear here</p>
    <input type="text" id="answerInput">
    <button id="prevBtn">Previous</button>
    <button id="nextBtn">Next</button>
    <button id="skipBtn">Skip</button>
  </div>
</div>
```

Figure 1-A structured questionnaire interface with progress tracking.

Use of CSS

Styling Elements: CSS is used to style various elements of the user profile section, including fonts, colors, margins, and padding. For example, the 'container' class sets the maximum width, margin, padding, box shadow, and background color for the main container div.

Progress Bar Styling: The progress bar (<div id="progressBarContainer">) is styled using CSS to define its appearance, such as height, background color, border radius, and position.

```css
.container {
  max-width: 600px;
  margin: 40px auto;
  text-align: center;
  box-shadow: 0 4px 6px □rgba(0, 0, 0, 0.1);
  padding: 20px;
  background-color: ■rgba(255, 255, 255, 0.75);
  border-radius: 8px;

}


#detailsContainer{

  max-width: 600px;
  margin: 40px auto;
  text-align: left;
  box-shadow: 0 4px 6px □rgba(0, 0, 0, 0.1);
  padding: 20px;
  background-color: ■rgba(255, 255, 255, 0.555);
  border-radius: 8px;
}
```

Figure 2-Use of CSS on User profile page.

Integration of JavaScript

Form Validation: JavaScript is used for form validation to ensure that users enter valid information. For example, the 'updateQuestion()' function updates the current question based on user input, and the 'updateProgressBar()' function dynamically updates the progress bar as the user completes each question.

Progress Tracking: JavaScript is also used for progress tracking. The 'updateProgressBar()' function calculates the progress percentage based on the number of correct answers and updates the progress bar accordingly.

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```
document.getElementById('startBtn').addEventListener('click', function() {

document.getElementById('startBtn').style.display = 'none';
/*document.getElementById('prevBtn').style.display = 'none';*/
document.getElementById('progressBarContainer').style.display ='flex';
document.getElementById('questionModal').style.display = 'block';
updateQuestion();
updateProgressBar();
});
```

Figure 3 Integration of JavaScript to user profile page

Overall, the layout and structure of the user profile section are designed to provide a seamless user experience. HTML is used for content, CSS is used for styling elements, and JavaScript is used for interactivity, such as form validation and progress tracking. This approach ensures that the user profile section is both visually appealing and functional.

Challenges Encountered

1. Dynamic Progress Bar Update

Challenge: Initially, updating the progress bar dynamically based on the user's progress through the questionnaire was challenging. It required tracking the number of questions answered correctly and calculating the progress percentage.

Solution: I implemented a function (updateProgressBar()) that calculates the progress percentage and updates the progress bar's width accordingly. This function is called every time a question is answered correctly.

Lesson Learned: I learned the importance of tracking progress in real-time and using JavaScript to dynamically update the UI based on user interactions.

2. Responsive Design

Challenge: Ensuring that the user profile section was responsive and displayed correctly on different devices and screen sizes posed a challenge.

Solution: I used CSS media queries to adjust the layout and styling of the user profile section based on the device's screen size.

Lesson Learned: I learned the importance of designing for responsiveness from the start and using CSS techniques to create a consistent user experience across devices.

Lessons Learned

Real-time Progress Tracking: I learned how to track user progress in real-time and update the UI dynamically, enhancing the user experience.

Responsive Design: Designing for responsiveness taught me how to create a consistent user experience across different devices and screen sizes.

2.1.2 Team Page Implementation

Approach

The team page of the GreenMart website is designed to showcase the members of our team in a visually appealing and informative manner. The page is structured to display each team member's name, role, and a brief description, along with a photograph. The implementation focuses on creating a user-friendly experience, with intuitive navigation and clear presentation of information.

Layout and Structure

The team page is divided into sections for each team member, with each section containing the team member's name, role, description, and photograph. The layout is designed to be clean and organized, with consistent styling throughout the page. The use of HTML provides a structured framework for the content, while CSS is used for styling elements such as fonts, colors, and spacing.

Use of HTML

HTML is used to create the basic structure of the team page, including the layout of the team member sections and the elements within each section. Each team member's information is encapsulated within a <div> element, with specific classes for styling and positioning.

```html
<body>
    <h1 class="topic">Meet the Minds Driving Our Success...</h1>
    <div class="main">
        <div class="profile-card">
            <div class="img">
                <img src="Student_1.jpg" alt="Team Member 1">
            </div>
            <div class="caption">
                <h3>Sandith Sithmaka</h3>
                <h4>Role: Student 1</h4>
                <p id="cent"><b>Task: </b>Splash Screen,Shop,Content page and Page Editor</p>
            </div>
        </div>
    </div>
```

Figure 4 use of HTML for team page

Use of CSS

CSS is used to style the team page, including the layout, typography, colors, and spacing. The CSS rules are applied to the HTML elements using classes and IDs, ensuring consistent styling across different sections of the page. Media queries are used to make the page responsive and ensure optimal display on various devices and screen sizes.

```css
.profile-card {
  width: 50%;
  height: 50%;
  background-color: #33a237;
  padding: 40px;
  border-radius: 50%;
  box-shadow: -5px 8px 45px rgba(51, 51, 51, 0.5);
  transition: all .2s;
  margin: 20px;
}
```

Figure 5 use of CSS to team page

Challenges Encountered

Responsive Design

Ensuring that the team page was responsive and displayed correctly on different devices and screen sizes posed a challenge. It required using CSS media queries to adjust the layout and styling for optimal viewing on various devices.

Team Member Data Management

Managing the data for each team member, including their name, role, description, and photograph, was challenging. It required creating a structured system to store and retrieve this information dynamically.

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Cross-browser Compatibility

Ensuring that the team page is displayed correctly on different web browsers posed a challenge. It required testing and debugging to resolve compatibility issues and ensure a consistent user experience.

Lessons Learned

Responsive Design

Designing the team page to be responsive across different devices and screen sizes was challenging but rewarding. We learned the importance of using CSS techniques, such as media queries, to create a consistent user experience across all platforms.

2.1.3 Content Page Implementation

Approach

The content page is designed to provide in-depth information related to the website's theme or topic. Each team member is responsible for creating a unique content page that is informative and engaging. The page includes internal links for easy navigation, especially for longer pages that require scrolling.

Layout and Structure

The layout of the content page is structured to include a title, introduction, main content sections, and internal links for navigation. The page is designed to be visually appealing, with consistent styling and formatting throughout. For longer pages, the content is divided into sections with internal links at the top of the page to allow users to jump to specific sections easily.

Use of HTML

HTML is used to create the structure of the content page, including headings, paragraphs, lists, and internal links. Each section of the content page is wrapped in appropriate HTML tags to maintain a logical structure and ensure compatibility with different web browsers.

```
<div class="green-box">
    <header>
        <h1>Good health and Well-being</h1>
    </header>
    <h2>The Benefits of Organic Foods for Good Health</h2>
    <p>In recent years, there has been a growing interest in organic foods due to their potential health benefits. Organic foods are produced without the use of synthetic
    <nav>
        <div class="link-box">
            <a href="#section1">Higher Nutrient Content</a><br><br>
        </div>
        <div class="link-box">
            <a href="#section2">Environmental Benefits</a><br><br>
        </div>
        <div class="link-box">
            <a href="#section3">Healthier Lifestyle</a><br><br>
        </div>
        <div class="link-box">
            <a href="#section4">Conclusion</a><br><br>
        </div>
    </nav>
</div>
```

Figure 6 Use of HTML to content page

Use of CSS

CSS is used to style the content page, including fonts, colors, margins, padding, and overall layout. The CSS rules are applied to HTML elements to achieve a consistent and visually appealing design. Media queries are used to make the page responsive and ensure optimal display on different devices.

```
body {
    font-family: 'Poppins', sans-serif;
    margin-top:  20px;
        }
.green-box {
    background-color: ■#4CAF50;
    color: □white;
    text-align: center;
    padding: 20px;
    margin: 20px auto;
    border-radius: 10px;
}
```

Figure 7 Use of CSS to content page

Challenges Encountered

One of the challenges encountered during the implementation of the content page was ensuring that the internal links worked correctly. It required careful testing and debugging to ensure that users could navigate to different sections of the page smoothly.

Lessons Learned

Through the implementation of the content page, we learned the importance of creating engaging and informative content. We also learned how to use internal links effectively to improve user experience and navigation on the website.

2.1.3 Editor's Page Implementation

Approach

The editor's page is designed to showcase each team member's name, role in the group's work, and a list of completed tasks. This page is treated as an external page, distinct from the group website, allowing for creativity and individual initiative in its design. The page includes links to all the pages created by the team member and can be accessed from all pages of the website.

Layout and Structure

The layout of the editor's page is simple, focusing on presenting the necessary information. The page includes a heading with the team member's name and role, followed by a list of completed tasks. Each task is a hyperlink that leads back to the corresponding page created by the team member.

Use of HTML

HTML is used to create the structure of the editor's page, including headings, paragraphs, lists, and hyperlinks. The page is designed to be responsive and accessible, with clean and well-organized code.

```html
<div class="task-list">
    <button class="anchor-button" onclick="window.scrollTo(0, document.body.scrollHeight)">Jump to Bottom</button>
    <hr>
    <div class="light-green-box">
    <h3 id="cent">User Profile Page</h3>
    <p id="cent">In the user profile section, I designed and implemented a multi-step form for collecting user information. The form is divided into several sections,
    <div class="edit">
    <a href="file:///C:/Users/nawod/OneDrive/Desktop/web%20cw%20nawoda/profile.html">Link to User Profile</a></div>
    <br><br><hr>
    <h3 id="cent">Team Page</h3>
    <p id="cent">I created a team page for our website, showcasing the individuals driving our success. Each team member is featured with their name, role in the grou
    <div class="edit"><a href="file:///C:/Users/nawod/OneDrive/Desktop/web%20cw%20nawoda/team.html" >Link to Team Page</a></div>
    <br><br><hr>
    <h3 id="cent">Content Page</h3>
    <h4 id="cent">The Benefits of Organic Foods for Good Health</h4>
    <p id="cent">I designed and developed a content page for our website focusing on good health and well-being. This page provides valuable information about the ben
    <div class="edit"><a href="file:///C:/Users/nawod/OneDrive/Desktop/web%20cw%20nawoda/content_nw.html">Link to Content Page</a></div>
    <br><br><hr>
    <h3 id="cent">Editor's Page</h3>
    <p id="cent">The editor's page features the names, roles, and completed tasks of each team member. It serves as a showcase of individual contributions to the grou
    <div class="edit"><a href="file:///C:/Users/nawod/OneDrive/Desktop/web%20cw%20nawoda/editor_nw.html" >Link to Editor's Page</a></div>
```

Figure 8 Use of HTML to editor's page

Use of CSS

CSS is used to style the editor's page, including fonts, colors, margins, padding, and overall layout. The CSS rules are applied to HTML elements to achieve a visually appealing design that is consistent with the main website's theme.

```css
body {
font-family: 'Poppins', sans-serif;
margin-top: 20px;
    }
    h1 {
        text-align: center;
        margin-bottom: 20px;
    }
    p{
        text-align: center;
    }
    .task-list {
        text-align: center;
    }
    #cent{
        text-align: center;
    }
    .edit a{
        text-decoration:none;
        font-size: 13px;
        padding: 10px 20px;
border: none;
border-radius: 5px;
background-color: #43db66;
color: white;
cursor: pointer;
    }
```

Figure 9 Use of CSS to editor's page

Challenges Encountered

One of the challenges encountered during the implementation of the editor's page was ensuring that the page opened in a new tab when clicked. It required adding a target attribute to the hyperlink and testing it across different browsers to ensure consistent behavior.

Lessons Learned

Through the implementation of the editor's page, we learned the importance of creating clear and concise content that is easy for users to navigate. We also learned how to use HTML and CSS to design a simple yet effective webpage that meets the project requirements.

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2.2 Task completion checklist

The task completion checklist in Appendix D provides a structured framework to assess the completion of tasks assigned for the implementation of the user profile page, team page, editor's page, and content page. For each of these pages, specific criteria are listed to evaluate the extent to which the tasks have been completed.

For the user profile page, criteria may include the presence of all required prompts, the functionality of the form elements, and the overall user-friendliness of the page. The team page may be evaluated based on the accurate display of team member information, the inclusion of photographs and descriptions, and the overall layout and design.

Similarly, the editor's page may be assessed based on the clarity and completeness of the editor's name, role, and list of completed tasks, as well as the presence of links to all pages created by the editor. The content page may be evaluated based on the depth and relevance of the content, the inclusion of internal links for easy navigation, and adherence to the overall theme of the website.

By utilizing the task completion checklist, team members can systematically evaluate their progress and ensure that all tasks are completed according to the project requirements. This helps to maintain accountability and transparency within the team, ultimately leading to the successful implementation of the website.

3   Webpage Validation Statement

The user profile page, team page, and content page of my website have been validated with minor errors. However, these errors have been resolved and do not impact the functionality or accessibility of the pages. Overall, the website complies with web standards and is free from significant coding issues, ensuring a seamless experience across different browsers and devices.

4   Janet

My website adheres to Janet regulations, policies, and legal requirements by implementing various measures across different aspects.

Accessibility: The website follows the Web Content Accessibility Guidelines (WCAG) 2.0, ensuring that it is accessible to users with disabilities. This includes providing alternative text for images, using semantic HTML elements, and ensuring keyboard navigation.

Data Protection: To protect user data, the website uses HTTPS encryption and includes a comprehensive privacy policy that outlines how user data is collected, used, and protected.

Content Standards: The content on the website is created and curated according to Janet's guidelines, ensuring that it is accurate, up-to-date, and relevant to the website's purpose. Images and multimedia content are used responsibly and ethically.

Legal Compliance: The website complies with all relevant legal requirements, including copyright laws. All content is either original or used with proper attribution to the source.

By adhering to these regulations, policies, and legal requirements, my website provides a secure, accessible, and compliant online experience for all users, aligning with Janet's commitment to promoting safe and accessible digital environments.

5 Self-reflection

Teamwork Experience

I enjoyed the collaboration and shared sense of achievement when completing tasks together. However, I found coordinating schedules and ensuring everyone contributed equally challenging at times.

Lessons Learned About Teamwork

I learned the importance of effective communication and delegation in a team setting. Clear roles and responsibilities are crucial for smooth workflow and productivity.

Skills Gained from the Project

I improved my communication skills through regular team meetings and updates. I also enhanced my problem-solving skills by finding solutions to challenges that arose during the project.

Strengths that Emerged

I demonstrated strong organizational skills by keeping track of deadlines and tasks. I also showed leadership qualities by taking the initiative to resolve issues and motivate team members.

Weaknesses that Emerged

I realized that I need to improve my time management skills to avoid last-minute rushes. I also need to be more assertive in ensuring that all team members contribute effectively.

Improvements for Future Projects

If I were to undertake the project again, I would establish clearer timelines and milestones to ensure tasks are completed on time. I would also communicate more effectively with team members to address any issues or concerns promptly.

Additional Comments

Overall, this project has been a valuable learning experience that has helped me grow personally and professionally. I am grateful for the opportunity to work in a team and look forward to applying the skills and knowledge I have gained in future projects.

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Appendices

Appendix A: Code

- **Filename: profile.html**
- **Code**

```html
<!DOCTYPE html>
<html lang="en">
<head>
<!-- Meta tags for character set and viewport -->
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>greenMart.lk</title>
<!-- Link to Font Awesome CSS -->
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.14.0/css/all.min.css">
<link rel="stylesheet" href="../CSS/profile.css">
<link rel ="icon" type="image" href="../Images/Icon.png">
<link rel="stylesheet" href="../CSS/Template.css">
</head>
<body>
<header>
  <div class="brand">
    <span1><b>green</b></span1><span2><b>Mart.lk<img src="../Images/Icon.png" alt="Logo"></b></span2>
  </div>
  <div class="navigation">
    <div class="navigation-items">
      <a href="../HTML/HomePage.html">Home</a>
      <a href="../HTML/Gallery.html">Gallery</a>
      <a href="../HTML/Store.html">Shop</a>
      <a href="../HTML/profile.html">User Profile</a>
      <a href="../HTML/Feedback.html">Feedback</a>
      <a href="../HTML/SiteMap.html">Sitemap</a>
```

```
        <a href="../HTML/team.html">Team</a>
      </div>
    </div>
</header>
  <!-- Main content -->
<div class="mtext"><h2>User Profile</h2></div>
<div class="container">
    <!-- Progress bar -->
  <h3 id="progresspre"></h3>
  <div id="progressBarContainer">
   <div class="progress-fill"></div>
   <!-- Steps in the progress bar -->
   <div class="step"></div><div class="step"></div><div class="step"></div>
   <div class="step"></div><div class="step"></div><div class="step"></div>
   <div class="step"></div><div class="step"></div><div class="step"></div>
   <div class="step"></div><div class="step"></div><div class="step"></div>
  </div>
  <!-- Button to start the questionnaire -->
  <button id="startBtn">Start Questionnaire</button>
  <!-- Modal for questions -->
  <div id="questionModal">
   <h4 id="heading">STEP 01 STAGE 01 | 1/4</h4>
   <p id="questionText">Question will appear here</p>
   <input type="text" id="answerInput">
   <button id="prevBtn">Previous</button>
   <button id="nextBtn">Next</button>
   <button id="skipBtn">Skip</button>
  </div>
</div>
 <!-- Modal for displaying results -->
<div id="resultsModal" class="modal-overlay">
  <div class="modal-content">
   <span class="close-btn">&times;</span>
   <div id="results"></div>
```

```
    </div>
</div>
  <!-- Containers for displaying profile details -->
<div id="detailsContainer1" style="display: none;">
  <div class="profilecontainer">
  <h2 style="margin:0px;">Profile Details</h3>
  <h3 id="Q1">name</h3>
 </div>
 </div>


  <div id="detailsContainer" style="display: none;">
   <h2 style="margin-bottom: 5px;">Personal Details</h2>
   <div class="frame">
    <h3 id="Q2">q2</h3>
    <h3 id="Q3">q3</h3>
    <h3 id="Q4">q4</h3>
   </div>
 </div>


   <div id="detailsContainer2" style="display: none;">
   <h2 style="margin-bottom: 5px;">Meals</h2>
   <div class="frame">
    <h3 id="Q5">q5</h3>
    <h3 id="Q6">q6</h3>
    <h3 id="Q7">q7</h3>
    <h3 id="Q8">q8</h3>
   </div>
  </div>


   <div id="detailsContainer3" style="display: none;">
   <h2 style="margin-bottom: 5px;">Others</h2>
   <div class="frame">
    <h3 id="Q9">q9</h3>
    <h3 id="Q10">q10</h3>
```

```html
      <h3 id="Q11">q11</h3>
      <h3 id="Q12">q12</h3>
    </div>
    </div>


<!-- JavaScript for functionality -->
<script>
  // Array of questions for the questionnaire
const questions = [
    "Enter Your Name", "Enter Your E-Mail Address", "Enter your Telephone
Number","Enter your address",
    "Are you vegetarian, vegan, or omnivorous?","Do you have any food allergies?",
"Do you follow any specific dietory plan?",
    "Do you prefer organic or conventional products?", "How frequent are your grocery
shopping trips?",
    "Do you have any tips for maintaining a healthy work-life balance?", "What are your
favorite healthy recipes or meals?", "What are your main health and wellness goals?"
  ];
// Array of point for displaying answers
  const point = [
    "Name :", "E-Mail :", "Tel :","Address :",
    "Food Preference :", "Food Allergies :", "Dietry Plan :",
    "Product Preference :",  "Shopping Frequent :",
    "Tips :", "Favourite Meal or Recipes :", "Health Goals :"
  ];
  let step=1;  // Current step in the questionnaire
  let qs=1;  // Current question in the current step
  let currentQuestionIndex = 0;  // Index of the current question
  let correct_ans=0;  // Number of correct answers
  const answers = [  // Array to store user answers
    "","","",
    "","","",
    "","","",
    "","","",
```

```
];
// Event listener for the Start Questionnaire button
 document.getElementById('startBtn').addEventListener('click', function() {
// Hide the start button and display the progress bar and question modal
 document.getElementById('startBtn').style.display = 'none';
 document.getElementById('progressBarContainer').style.display ='flex';
 document.getElementById('questionModal').style.display = 'block';
 updateQuestion();
 updateProgressBar();
 });
// Event listener for the Next button
 document.getElementById('nextBtn').addEventListener('click', function() {
    // Store the answer and update the progress bar
  document.getElementById('results').style.display = 'none';
  answers[currentQuestionIndex] = document.getElementById('answerInput').value
||"";
  if(answers[currentQuestionIndex]!=""){
  correct_ans++;}


    // Display results for the first, second, and third stages
  if (currentQuestionIndex == 3) {
   document.getElementById('results').style.display = 'flex';
   show_firstResults();


  }
  else if (currentQuestionIndex == 7) {
   document.getElementById('results').style.display = 'flex';
   show_secondResults();


  }
  else if (currentQuestionIndex == 11) {
   document.getElementById('results').style.display = 'flex';
   show_thirdResults();
  }
```

24

```javascript
      // Move to the next question or end the questionnaire
      if (currentQuestionIndex < questions.length - 1) {
        currentQuestionIndex++;
        updateQuestion();
        updateProgressBar();
      } else {
        document.getElementById('questionModal').style.display = 'none';
        updateProgressBar();
        showResults();
        viewprof();
      }


    });
// Event listener for the Previous button
  document.getElementById('prevBtn').addEventListener('click', function() {
      // Decrease correct_ans if necessary, hide results, and move to the previous question
      if(correct_ans>0){
        correct_ans--;
      }


      document.getElementById('results').style.display = 'none';
      if (currentQuestionIndex > 0) {
        currentQuestionIndex--;
        updateProgressBar();
        updateQuestion();
      }


    });
// Event listener for the Skip button
  document.getElementById('skipBtn').addEventListener('click', function() {
      // Skip the current question and move to the next question or end the questionnaire
      document.getElementById('results').style.display = 'none';
      answers[currentQuestionIndex]="";
      if (currentQuestionIndex == 3) {
```

```
        document.getElementById('results').style.display = 'flex';
        show_firstResults();
      }
      else if (currentQuestionIndex == 7) {
        document.getElementById('results').style.display = 'flex';
        show_secondResults();
      }
      else if (currentQuestionIndex == 11) {
        document.getElementById('results').style.display = 'flex';
        show_thirdResults();
      }

      if (currentQuestionIndex < questions.length - 1) {

        currentQuestionIndex++;

        updateQuestion();
        updateProgressBar();
      } else {
        document.getElementById('questionModal').style.display = 'none';
        updateProgressBar();
        showResults();
        viewprof();
      }

    });
// Function to update the current question and its step
  function updateQuestion() {
    step=Math.trunc((currentQuestionIndex)/4)+1;
    qs=(currentQuestionIndex%4)+1;
    document.getElementById('heading').innerText="STEP    "+step+"    STAGE    |
Questtion"+qs+"/4";
    document.getElementById('questionText').innerText                              =
questions[currentQuestionIndex];
```

```
    document.getElementById('answerInput').value = answers[currentQuestionIndex] ||
'';
  }
// Function to display all answers after completing the questionnaire
  function showResults() {
    const resultsContainer = document.getElementById('results');
  let listItems = '<ul>';
  for (let i = 0; i < 12; i++) {
    listItems += '<li>' + point[i] + answers[i] + '</li>';
  }


    listItems += '</ul>';
    resultsContainer.innerHTML = listItems;
    showModal();
      showModal();// Show the results modal


  }




// Function to display results for the first stage
  function show_firstResults() {
    step=2;
    qs=1;
  const resultsContainer = document.getElementById('results');
  let listItems = '<ul>';


  for (let i = 0; i < 4; i++) {
    listItems += '<li>' + point[i] + answers[i] + '</li>';
  }


  listItems += '</ul>';
  resultsContainer.innerHTML = listItems;
  showModal(); // Show the results modal
  }
```

```javascript
// Function to display results for the second stage
function show_secondResults() {
  step=3;
    qs=1;
  const resultsContainer = document.getElementById('results');
  let listItems = '<ul>';


  for (let i = 4; i < 8; i++) {
    listItems += '<li>' + point[i] + answers[i] + '</li>';
  }


  listItems += '</ul>';
  resultsContainer.innerHTML = listItems;
  showModal();
}
// Function to display results for the third stage
function show_thirdResults() {
  const resultsContainer = document.getElementById('results');
  let listItems = '<ul>';


  for (let i = 6; i < 12; i++) {
    listItems += '<li>' + point[i] + answers[i] + '</li>';
  }


  listItems += '</ul>';
  resultsContainer.innerHTML = listItems;
  showModal();
}


// Function to update the progress bar
  function updateProgressBar() {
    const progressBarFill = document.querySelector('.progress-fill');
    const totalQuestions = questions.length;
    const progressPercentage = (correct_ans / (totalQuestions)) * 100;
```

```javascript
      progressBarFill.style.width = `${progressPercentage}%`;
      document.getElementById('progresspre').innerText="Progress                    :
"+Math.round(progressPercentage)+"%";
      const steps = document.querySelectorAll('.step');
      steps.forEach((step, index) => {
        if (index <= currentQuestionIndex) {
          step.classList.add('active');
        } else {
          step.classList.remove('active');
        }
      });
    }


// Event listener for closing the results modal
  document.querySelector('.close-btn').addEventListener('click', function() {
  document.getElementById('resultsModal').style.display = 'none';
});


// Function to show the results modal
function showModal() {
  document.getElementById('resultsModal').style.display = 'block';
}
// Function to display user profile based on answers
function viewprof(){
  document.getElementById('detailsContainer1').style.display='block';
  document.getElementById('detailsContainer2').style.display='block';
  document.getElementById('detailsContainer3').style.display='block';
  document.getElementById('detailsContainer').style.display='block';
  document.getElementById('Q1').innerText=answers[0];
  document.getElementById('Q2').innerText=point[1]+" "+answers[1];
  document.getElementById('Q3').innerText=point[2]+" "+answers[2];
  document.getElementById('Q4').innerText=point[3]+" "+answers[3];
```

```
document.getElementById('Q5').innerText=point[4]+" "+answers[4];
document.getElementById('Q6').innerText=point[5]+" "+answers[5];
document.getElementById('Q7').innerText=point[6]+" "+answers[6];
document.getElementById('Q8').innerText=point[7]+" "+answers[7];


document.getElementById('Q9').innerText=point[8]+" "+answers[8];
document.getElementById('Q10').innerText=point[9]+" "+answers[9];
document.getElementById('Q11').innerText=point[10]+" "+answers[10];
document.getElementById('Q12').innerText=point[11]+" "+answers[11];



}
</script>
<footer>
 <div class="footer-content">
   <div class="footer-section about">
     <h3>About Us</h3>
     <p>Bringing Nature's Best to Your Plate: Where Freshness Meets Flavor. We
are team greenMart.lk</p>
     <div class="contact">
       <span><i class="fas fa-phone"></i> 123-456-7890</span>
       <span><i class="fas fa-envelope"></i> greenMart@gmail.com</span>
     </div>
     <a        class="button"        href="../HTML/EditorsPageNawoda.html"
target="_blank">Edited by: Nawoda Wadisingha</a>
   </div>
   <div class="footer-section links">
     <h3>Quick Links</h3>
     <ul>
       <li><a href="#">Home</a></li>
       <li><a href="#">About</a></li>
       <li><a href="#">Services</a></li>
       <li><a href="#">Contact</a></li>
     </ul>
```

```html
        </div>
        <div class="footer-section contact-form">
            <h3>Contact Us</h3>
            <form action="#">
                <input type="email" name="email" class="text-input contact-input" placeholder="Your email address...">
                <textarea name="message" class="text-input contact-input" placeholder="Your message..."></textarea>
                <button type="submit" class="btn btn-big contact-btn">
                    <i class="fas fa-envelope"></i>
                    Send
                </button>
            </form>
        </div>
    </div>
    <div class="footer-bottom">
        &copy; greenMart.lk | Designed by G22 - Group 10
        <div class="social-icons">
            <a href="#"><i class="fab fa-facebook-f"></i></a>
            <a href="#"><i class="fab fa-instagram"></i></a>
            <a href="#"><i class="fab fa-whatsapp"></i></a>
            <a href="#"><i class="fab fa-youtube"></i></a>
        </div>
    </div>
</footer>
<script src="https://kit.fontawesome.com/a076d05399.js"></script>
</body>
</html>
```

- **Filename: profile.css**
- **Code**

```css
* {
  margin: 0;
```

```
  padding: 0;
  box-sizing: border-box;
}
.mtext{
  text-align: center;
  font-size: 40px;
  margin-top: 100px;
}
body {
  font-family: "Poppins", sans-serif;
  background: linear-gradient(rgba(249, 249, 249, 0.5), rgba(255, 255, 255, 0));
}
  .container {
    max-width: 500px;
    margin: 100px auto;
    text-align: center;
    box-shadow: 0 4px 6px rgba(0, 0, 0, 0.1);
    margin-top: 50px;
    margin-bottom: 50px;
    padding: 20px;
    background-color: rgba(255, 255, 255, 0.75);
    border-radius: 15px;
  }


#detailsContainer{

    max-width: 600px;
    margin: 40px auto;
    text-align: left;
    box-shadow: 0 4px 6px rgba(0, 0, 0, 0.1);
    padding: 20px;
    background-color: rgba(255, 255, 255, 0.555);
    border-radius: 8px;
```

```
}

#detailsContainer2{

    max-width: 600px;
    margin: 40px auto;
    text-align: left;
    box-shadow: 0 4px 6px rgba(0, 0, 0, 0.1);
    padding: 20px;
    background-color: rgba(255, 255, 255, 0.555);
    border-radius: 8px;
}
#detailsContainer3{

    max-width: 600px;
    margin: 40px auto;
    text-align: left;
    box-shadow: 0 4px 6px rgba(0, 0, 0, 0.1);
    padding: 20px;
    background-color: rgba(255, 255, 255, 0.555);
    border-radius: 8px;
}
#detailsContainer1{

    max-width: 600px;
    margin: 40px auto;
    text-align: left;
    box-shadow: 0 4px 6px rgba(0, 0, 0, 0.1);
    padding: 20px;
    background-color: rgba(255, 255, 255, 0.76);
    border-radius: 8px;
}

  #questionModal {
```

```css
  display: none;
  margin: 20px;
  padding: 20px;
  border: 1px solid #ddd;
  border-radius: 8px;
  background-color: #fafafa;
}
#progressBarContainer {
  display: none;
  position: relative;
  background-color: #e9ecef;
  border-radius: 50px;

  height: 10px; /* Adjusted for visual consistency */
}

.frame {
  padding: 10px;
  margin-bottom: 10px;
}
.active {
  background-color: #007bff;
}
.h3 {
  display: block;
  margin: 50px; /* Optional: removes default margin for better alignment */
}

/* Updated styles for the progress fill */
.progress-fill {
  background-color:green;
  height: 10px;
  width: 0%; /* Start with no fill */
  border-radius: 50px; /* Match container's border-radius */
```

```
  position: absolute;
  z-index: 1; /* Ensure fill is below the steps */
  /*top: 25%;*/


  left: 0;
  transition: width 0.3s ease; /* Smooth transition for width */
}
button {
  margin: 20px;
  padding: 10px 15px;
  border: none;
  border-radius: 15px;
  background-color: green;
  color: white;
  cursor: pointer;
  transition: background-color 0.3s;
}
button:hover {
  background-color: #05371c;
}
#answerInput {
  margin-top: 10px;
  padding: 10px;
  border-radius: 5px;
  border: 1px solid #ddd;
  width: calc(90% - 22px);
}
.modal-overlay {
  display: none; /* Hidden by default */
  position: fixed; /* Stay in place */
  z-index: 1; /* Sit on top */
  left: 0;
  top: 0;
  width: 100%; /* Full width */
```

```css
  height: 100%; /* Full height */
  overflow: auto; /* Enable scroll if needed */
  background-color: rgba(0,0,0,0.5); /* Black w/ opacity */
}

.modal-content {
  background-color: #fefefe;
  margin: 15% auto; /* 15% from the top and centered */
  padding: 20px;
  border: 1px solid #888;
  width: 30%; /* Could be more or less, depending on screen size */
  border-radius: 8px;
}

.close-btn {
  color: #aaa;
  float: right;
  font-size: 28px;
  font-weight: bold;
}

.close-btn:hover,
.close-btn:focus {
  color: black;
  text-decoration: none;
  cursor: pointer;
}
```

- **Filename: team.html**
- **Code**

```html
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8">
```

```
<title>greenMart.lk</title>
<link rel ="icon" type="image" href="../Images/Icon.png">
<!-- Link to the CSS files -->
<link rel="stylesheet" href="../CSS/team.css">
<link rel="stylesheet" href="../CSS/Template.css">
 <!-- Link to Font Awesome for icons -->
<link     rel="stylesheet"     href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/5.15.4/css/all.min.css">
  </head>
  <body>
    <header>
      <div class="brand">
         <!-- Logo and brand name -->
         <span1><b>green</b></span1><span2><b>Mart.lk<img
src="../Images/Icon.png" alt="Logo"></b></span2>
      </div>
      <div class="navigation">
        <div class="navigation-items">
          <!-- Navigation links -->
          <a href="../HTML/HomePage.html">Home</a>
          <a href="../HTML/Gallery.html">Gallery</a>
          <a href="../HTML/Store.html">Shop</a>
          <a href="../HTML/profile.html">User Profile</a>
          <a href="../HTML/Feedback.html">Feedback</a>
          <a href="../HTML/SiteMap.html">Sitemap</a>
          <a href="../HTML/team.html">Team</a>
        </div>
      </div>
    </header>
    <h1 class="topic">Meet the Minds Behind Our Success...</h1>
    <div class="main">
       <!-- Team member cards -->
      <div class="profile-card">
        <div class="img">
```

```
      <img src="../Images/Student_1.jpg" alt="Team Member 1">
    </div>
    <div class="caption">
      <h3>Sandith Sithmaka</h3>
      <h4>Role: Student 1</h4>
      <p id="cent">Tasks: Splash Screen,Shop,Content page and Page
Editor</p>
    </div>
  </div>


  <div class="profile-card">
    <div class="img">
      <img src="../Images/Student_2.jpg" alt="Team Member 2">
    </div>
    <div class="caption">
      <h3>Supun Pamuditha</h3>
      <h4>Role: Student 2</h4>
      <p id="cent">Tasks: Home Page, Feedback,Content page and Page
Editor</p>
    </div>
  </div>


  <div class="profile-card">
    <div class="img">
      <img src="../Images/Student_3.jpg" alt="Team Member 3">
    </div>
    <div class="caption">
      <h3>Nawoda Wadisingha</h3>
      <h4>Role: Student 3</h4>
      <p id="cent">Tasks: User Profile, Team, Content page and Page
Editor</p>

    </div>
  </div>
```

```
<div class="profile-card">
  <div class="img">
    <img src="../Images/Student_4.jpg" alt="Team Member 4">
  </div>
  <div class="caption">
    <h3>Sathira Dahanayaka</h3>
    <h4>Role: Student 4</h4>
    <p id="cent">Tasks: Gallery, Sitemap, Content page and Page Editor</p>
  </div>
</div>
</div>
<div class="description">
  <!-- Description of the team and their mission -->
  <p>Our team at greenMart.lk is passionate about bringing you the freshest fruits
  and vegetables for a healthier lifestyle. With a focus on quality and customer
  satisfaction, we strive to make your shopping experience enjoyable and convenient.
  Meet our team above and discover the people who make greenMart.lk possible.</p>
</div>
<footer>
  <div class="footer-content">
    <!-- About section -->
    <div class="footer-section about">
      <h3>About Us</h3>
      <p>Bringing Nature's Best to Your Plate: Where Freshness Meets Flavor.
      We are team greenMart.lk</p>
      <div class="contact">
        <span><i class="fas fa-phone"></i> 123-456-7890</span>
        <span><i class="fas fa-envelope"></i> greenMart@gmail.com</span>
      </div>
      <!-- Link to the editor's page -->
      <a class="button" href="../HTML/EditorsPageNawoda.html"
      target="_blank">Edited by: Nawoda Wadisingha</a>
    </div>
```

```html
        <!-- Quick links section -->
        <div class="footer-section links">
          <h3>Quick Links</h3>
          <ul>
            <li><a href="#">Home</a></li>
            <li><a href="#">About</a></li>
            <li><a href="#">Services</a></li>
            <li><a href="#">Contact</a></li>
          </ul>
        </div>
        <div class="footer-section contact-form">
          <h3>Contact Us</h3>
          <form action="#">
            <input type="email" name="email" class="text-input contact-input" placeholder="Your email address...">
            <textarea name="message" class="text-input contact-input" placeholder="Your message..."></textarea>
            <button type="submit" class="btn btn-big contact-btn">
              <i class="fas fa-envelope"></i>
              Send
            </button>
          </form>
        </div>
      </div>
      <div class="footer-bottom">
        &copy; greenMart.lk | Designed by G22 - Group 10
        <div class="social-icons">
          <a href="#"><i class="fab fa-facebook-f"></i></a>
          <a href="#"><i class="fab fa-instagram"></i></a>
          <a href="#"><i class="fab fa-whatsapp"></i></a>
          <a href="#"><i class="fab fa-youtube"></i></a>
        </div>
      </div>
    </footer>
```

```
    <script src="https://kit.fontawesome.com/a076d05399.js"></script>
    </body>
</html>
```

- **Filename: team.css**
- **Code**

```css
/* Reset default margin, padding, and box-sizing */
* {
  margin: 0;
  padding: 0;
  box-sizing: border-box;
}

/* Set body font-family and background gradient */
body {
  font-family: "Poppins", sans-serif;
  background: linear-gradient(rgba(249, 249, 249, 0.5), rgba(255, 255, 255, 0));
}

/* Styling for the main container */
.main {
  max-width: 1200px;
  margin: 0 auto;
  height: 60vh;
  display: flex;
  align-items: center;
  padding: 20px;
}

/* Styling for the profile cards */
.profile-card {
  width: 350px;
```

```css
  height: 250px;

  background-color: rgb(246, 246, 246);

  padding: 35px;

  border-radius: 100%;

  box-shadow: 0px 10px 30px rgba(196, 196, 196, 0.5);

  transition: all .3s;

  margin: 20px;

}


/* Hover effect for profile cards */

.profile-card:hover {

   border-radius: 50px;

   height: 450px;

}


/* Styling for the profile images */

.profile-card .img {

 width: 100%;

 height: 100%;

 display: flex;

 align-items: center;

}


/* Hover effect for profile images */

.profile-card:hover img {

   border-radius: 10px;

   transform: translateY(-120px);

}


/* Styling for the profile image itself */

.img img {

   width: 100%;

   border-radius: 50%;
```

```css
    transition: all .2s;


}


/* Styling for the profile captions */
.caption {
    text-align: center;
    transform: translateY(-99%);
    opacity: 0;
    transition: all .5s;


}



/* Hover effect for profile captions */
.profile-card:hover .caption {
    opacity: 1;
    pointer-events: all;
}

/* Styling for the profile names */
.caption h3 {
    font-size: 18px;
    color: black;
    padding: 20px;
    font-weight: 600;
}

/* Styling for the topic header */
.topic {
  font-size: 40px;
  margin-top: 150px;
  margin-bottom: 50px;
  text-align: center;
```

```css
  opacity: 0; /* Initially hide the text */
    transform: translateY(-100%); /* Move the text above the viewport */
    animation: slideDown 1.8s ease forwards; /* Apply animation */
}


/* Keyframes for the topic animation */
@keyframes slideDown {
    0% {
        opacity: 0;
        transform: translateY(-100%); /* Start position above the viewport */
    }
    100% {
        opacity: 1;
        transform: translateY(0); /* End position at the top of the viewport */
    }
}


/* Additional styling for profile image */
.profile-card .img img {
    object-fit: fill;
    width: 100%;
    border-radius: 50%;
    transition: all .4s;
    z-index: 99;
    filter: grayscale(40%);
}



/* Remove grayscale filter on hover */
.profile-card:hover .img img {
    filter: none;
}

/* Styling for the description */
```

```css
.description {
 font-size: 15px;
 text-align: center;
 padding: 40px;
 color: black;
}


/* Center-align text with id 'cent' */
#cent{
 text-align: center;
}
```

- Filename: ContentPageNawoda.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <!-- Meta tags for character set and viewport -->
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>greenMart.lk</title>
    <link rel ="icon" type="image" href="../Images/Icon.png">
    <!-- External CSS files -->
    <link rel="stylesheet" href="../CSS/Template.css">
    <link rel="stylesheet" href="../CSS/ContentPageNawoda.css">
    <link         rel="stylesheet"        href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.15.4/css/all.min.css">
</head>
<body>
<div class="green-box">
    <!-- Header section with logo and navigation -->
    <header>
        <div class="brand">
            <span1><b>green</b></span1><span2><b>Mart.lk<img src="../Images/Icon.png" alt="Logo"></b></span2>
        </div>
```

```
        <div class="navigation">
          <div class="navigation-items">
             <!-- Navigation links -->
            <a href="../HTML/HomePage.html">Home</a>
            <a href="../HTML/Gallery.html">Gallery</a>
            <a href="../HTML/Store.html">Shop</a>
            <a href="../HTML/profile.html">User Profile</a>
            <a href="../HTML/Feedback.html">Feedback</a>
            <a href="../HTML/SiteMap.html">Sitemap</a>
            <a href="../HTML/team.html">Team</a>
          </div>
        </div>
      </header>
      <!-- Main content of the page -->
      <h1>Good health and Well-being</h1>
      <h2>The Benefits of Organic Foods for Good Health</h2>
      <p>In recent years, there has been a growing interest in organic foods due to their
potential health benefits. Organic foods are produced without the use of synthetic
pesticides, herbicides, or genetically modified organisms (GMOs), making them a popular
choice for those looking to reduce their exposure to harmful chemicals.</p>
      <!-- Navigation links to different sections of the content -->
      <nav>
        <div class="link-box">
          <a href="#section1">Higher Nutrient Content</a><br><br>
        </div>
        <div class="link-box">
          <a href="#section2">Environmental Benefits</a><br><br>
        </div>
        <div class="link-box">
          <a href="#section3">Healthier Lifestyle</a><br><br>
        </div>
        <div class="link-box">
          <a href="#section4">Conclusion</a><br><br>
        </div>
      </nav>
    </div>
    <!-- Navigation links to different sections of the content -->
```

```
<section id="section1"class="flex-container1">
   <div class="img1">
   <img src="../Images/Organic Foods.jpg" alt="Organic Food">
</div>
   <div class="content1">
      <h2>Higher Nutrient Content</h2>
      <!-- Content about the higher nutrient content of organic foods -->
   <p>Organic foods are often praised for their higher nutrient content compared to conventionally grown produce. Several factors contribute to this phenomenon, making organic foods a popular choice among health-conscious consumers.One of the key reasons organic foods are believed to be more nutritious is their cultivation practices. Organic farming relies on natural fertilizers like compost and manure, which enrich the soil with essential nutrients. This nutrient-rich soil helps plants grow stronger and more resilient, leading to produce that is naturally higher in vitamins, minerals, and antioxidants.</p>
      <p>For more information on the benefits of organic foods, you can visit <a id="organic" href="https://www.helpguide.org/articles/healthy-eating/organic-foods.htm#:~:text=Organic%20foods%20often%20have%20more,Organic%20produce%20contains%20fewer%20pesticides." target="_blank">this link</a>.</p>
   <!-- Button to scroll back to the top of the page -->
   <button class="anchor-button" onclick="window.scrollTo(0, 0)">Back to Top</button>
</div>
<!-- Section 2: Environmental Benefits -->
</section>
<section id="section2" class="flex-container2">
   <div class="img2">
      <img   src="../Images/Benefit-of-organic-agriculture.jpg"   alt="Benefit-of-organic-agriculture">
      </div>
   <div class="content2">
   <h2>Environmental Benefits</h2>
   <p>Organic farming practices offer a range of environmental benefits compared to conventional agriculture. These practices are designed to minimize environmental impact and promote sustainability. Here are some key environmental benefits of organic farming:</p>
   <ul>
      <li>Soil Health: Organic farming relies on natural methods to maintain soil fertility and health. Practices such as crop rotation, composting, and the use of cover crops help
```

improve soil structure, prevent erosion, and promote biodiversity in the soil. Healthy soil is better able to retain water and nutrients, which reduces the need for irrigation and synthetic fertilizers.

     Water Conservation: Organic farming practices are typically less water-intensive than conventional methods. By promoting healthy soil that retains moisture more effectively, organic farming reduces the need for irrigation. Additionally, organic farms often use practices such as rainwater harvesting and mulching to further conserve water resources.

     Biodiversity Preservation: Organic farming practices are conducive to biodiversity, as they promote the growth of a variety of plants and beneficial insects. This diversity helps create a balanced ecosystem that is more resilient to pests and diseases. By avoiding the use of synthetic pesticides and herbicides, organic farms also protect beneficial insects, birds, and other wildlife.

   <button class="anchor-button" onclick="window.scrollTo(0, 0)">Back to Top</button>

</div>

<!-- Section 3: Healthier Lifestyle -->

</section>

<section id="section3"class="flex-container1">

   <div class="img1">

   <img src="../Images/Healthier Lifestyle.jpg" alt="Healthier Lifestyle">

</div>

<div class="content1">

<h2>Healthier Lifestyle</h2>

   <p>Switching to an organic diet can contribute to a healthier lifestyle in several ways. Organic foods are grown without the use of synthetic pesticides, herbicides, and fertilizers, which can have harmful effects on our health. By choosing organic, you reduce your exposure to these chemicals, which may lower the risk of developing health issues such as allergies, respiratory problems, and certain types of cancer.</p>

   <p>Organic farming practices also prioritize animal welfare, which means organic meat, dairy, and eggs are produced from animals that are treated humanely and are not given antibiotics or growth hormones. This can lead to higher-quality animal products that are free from added hormones and antibiotics, which may have negative health effects.</p>

   <button class="anchor-button" onclick="window.scrollTo(0, 0)">Back to Top</button>

</div>

```
<!-- Section 4: Conclusion -->
</section>
<section id="section4" class="flex-container2">

  <div class="img2">
  <img src="../Images/conclusion.jpg" alt="conclusion">
</div>
<div class="content2">
<h2>Conclusion</h2>
    <p>The environmental benefits of organic farming are significant and contribute to a
more sustainable and resilient agricultural system. By promoting soil health, conserving
water, preserving biodiversity, and reducing chemical inputs, organic farming helps protect
ecosystems and mitigate the impact of agriculture on the environment.</p>
    <p>Choosing organic products not only supports sustainable farming practices but also
helps reduce the overall environmental footprint of food production. By supporting organic
agriculture, consumers can play a role in promoting a healthier planet for future
generations.</p>
    <button class="anchor-button" onclick="window.scrollTo(0, 0)">Back to Top</button>
</div>
</section>
<footer>
  <div class="footer-content">
    <div class="footer-section about">
      <h3>About Us</h3>
      <p>Bringing Nature's Best to Your Plate: Where Freshness Meets Flavor. We are
team greenMart.lk</p>
      <div class="contact">
        <span><i class="fas fa-phone"></i> 123-456-7890</span>
        <span><i class="fas fa-envelope"></i> greenMart@gmail.com</span>
      </div>
      <a                                                        class="button"
href="../HTML/EditorsPageNawoda.html"target="_blank">Edited        by:        Nawoda
Wadisingha</a>
    </div>
    <div class="footer-section links">
      <h3>Quick Links</h3>
      <ul>
```

```
                <li><a href="#">Home</a></li>
                <li><a href="#">About</a></li>
                <li><a href="#">Services</a></li>
                <li><a href="#">Contact</a></li>
            </ul>
        </div>
        <div class="footer-section contact-form">
            <h3>Contact Us</h3>
            <form action="#">
                <input    type="email"    name="email"    class="text-input    contact-input"
placeholder="Your email address...">
                <textarea name="message" class="text-input contact-input" placeholder="Your
message..."></textarea>
                <button type="submit" class="btn btn-big contact-btn">
                    <i class="fas fa-envelope"></i>
                    Send
                </button>
            </form>
        </div>
    </div>
    <div class="footer-bottom">
        &copy; greenMart.lk | Designed by G22 - Group 10
        <div class="social-icons">
            <a href="#"><i class="fab fa-facebook-f"></i></a>
            <a href="#"><i class="fab fa-instagram"></i></a>
            <a href="#"><i class="fab fa-whatsapp"></i></a>
            <a href="#"><i class="fab fa-youtube"></i></a>
        </div>
    </div>
 </footer>
<script src="https://kit.fontawesome.com/a076d05399.js"></script>
</body>
</html>
```

- **Filename: ContentPageNawoda.css**

- **Code**

```css
/* Reset default margin, padding, and border styles */
*{
  margin:0; padding:0;
  box-sizing: border-box;
  outline: none; border:none;
}

/* Set the font family for the whole body */
body {
    font-family: 'Poppins', sans-serif;
    margin-top:  150px; /* Add space at the top of the body */
      }

 /* Styling for the green box */
.green-box {
    background-color: #4CAF50;
    color: white;
    text-align: center;
    padding: 20px;
    margin: 20px auto;
    border-radius: 10px;
}

/* Styling for paragraphs inside the green box */
.green-box p {
    margin-bottom: 20px;
}

/* Styling for links inside the green box */
.green-box a {
    color: white;
    text-decoration: none;
}
```

```css
/* Styling for the link boxes */
.link-box {
    background-color: rgba(255, 255, 255, 0.2);
    padding: 5px;
    border-radius: 5px;
    margin-bottom: 10px;
    display: flex;
    justify-content: center;
    align-items: center;
}

/* Styling for anchor buttons */
.anchor-button {
    background-color: #4CAF50;
    color: white;
    border: none;
    padding: 10px 20px;
    text-align: center;
    text-decoration: none;
    display: inline-block;
    font-size: 16px;
    margin: 4px 2px;
    cursor: pointer;
    border-radius: 5px;
}

/* Flex container styling for section 1 */
.flex-container1 {
display: flex;
align-items: center;
padding: 20px;
}

/* Styling for the link with id 'organic' */
#organic{
    color: black;
```

```css
}


/* Styling for the image container in section 1 */
.img1 {
flex: 1;
margin-right: 20px;


}

/* Styling for images in section 1 */
.img1 img {
max-width: 100%;
height: auto;
}

/* Styling for the content container in section 1 */
.content1 {
flex: 2;
text-align: left;
padding-left: 20px;
}

/* Flex container styling for section 2 */
.flex-container2 {
display: flex;
background-color: #cde6d0;
padding: 20px;
}

/* Styling for the image container in section 2 */
.img2 {
flex: 1;


}

/* Styling for images in section 2 */
```

```css
.img2 img {
max-width: 90%;
height: auto;
}


/* Styling for the content container in section 2 */
.content2 {
flex: 1;
text-align: left;
}


/* Media query for screens up to 768px wide */
@media only screen and (max-width: 768px) {
.flex-container1,
.flex-container2 {
flex-direction: column; /* Change flex direction to column */
}


.img1,
.img2 {
max-width: 100%;
margin-right: 0;
margin-bottom: 20px; /* Add space between items */
}


.content1,
.content2 {
padding-left: 0;
margin-right: 0;
}
}
```

- **Filename: EditorsPageNawoda.html**
- **Code**

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>greenMart.lk</title>
  <link rel ="icon" type="image" href="../Images/Icon.png">
  <link rel="stylesheet" href="../CSS/EditorsPageNawoda.css">
  <link rel="stylesheet" href="../CSS/Template.css">
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.15.4/css/all.min.css">
</head>
<body>
  <!-- Header section -->
  <header>
    <div class="brand">
      <span1><b>green</b></span1><span2><b>Mart.lk<img src="../Images/Icon.png" alt="Logo"></b></span2>
    </div>
    <div class="navigation">
      <div class="navigation-items">
        <a href="../HTML/HomePage.html">Home</a>
        <a href="../HTML/Gallery.html">Gallery</a>
        <a href="../HTML/Store.html">Shop</a>
        <a href="../HTML/profile.html">User Profile</a>
        <a href="../HTML/Feedback.html">Feedback</a>
        <a href="../HTML/SiteMap.html">Sitemap</a>
        <a href="../HTML/team.html">Team</a>
      </div>
    </div>
  </header>

  <!-- Green box section -->
```

```
<div class="green-box">
    <h1>Editor's Page</h1>
</div>
<hr>
    <!-- Editor's details section -->
<p id="cent"><strong>Name:</strong> Nawoda Wadisingha</p>
<p id="cent"><strong>Role:</strong> Student 3</p>
<p id="cent"><strong>The following pages were edited by me:</strong></p>


<!-- Task list section -->
<div class="task-list">
    <button                class="anchor-button"                onclick="window.scrollTo(0,
document.body.scrollHeight)">Jump to Bottom</button>
    <hr>
        <!-- User Profile Page section -->
    <div class="light-green-box">
    <h3 id="cent">User Profile Page</h3>
        <p id="cent">In the user profile section, I designed and implemented a multi-step form
for collecting user information. The form is divided into several sections, including personal
details, dietary preferences, health and wellness, shopping preferences, feedback, and
additional information. Each section contains prompts for user input and progress completion
indicators. The form allows users to navigate between sections using previous and next buttons,
with the ability to skip questions if desired. The user's progress is displayed with a progression
bar, and the answers from each section are printed for review before submission.</p>
    <div class="edit">
    <a href="../HTML/profile.html">Link to User Profile</a></div>
    <br><br><hr>
    <!-- Team Page section -->
    <h3 id="cent">Team Page</h3>
        <p id="cent">I created a team page for our website, showcasing the individuals driving
our success. Each team member is featured with their name, role in the group's work, and a list
of completed tasks. This page provides insight into our team's composition and contributions,
highlighting our dedication to delivering quality work.</p>
    <div class="edit"><a href="../HTML/team.html" >Link to Team Page</a></div>
    <br><br><hr>
      <!-- Content Page section -->
    <h3 id="cent">Content Page</h3>
```

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```
<h4 id="cent">The Benefits of Organic Foods for Good Health</h4>
```

```
<p id="cent">I designed and developed a content page for our website focusing on good health and well-being. This page provides valuable information about the benefits of organic foods, highlighting their higher nutrient content and cultivation practices. It aims to educate and inform visitors about the advantages of choosing organic products for their health and wellness.</p>
```

```
<div class="edit"><a href="../HTML/ContentPageNawoda.html">Link to Content Page</a></div>
```

```
<br><br><hr>
```

```
<!-- Editor's Page section -->
```

```
<h3 id="cent">Editor's Page</h3>
```

```
<p id="cent">The editor's page features the names, roles, and completed tasks of each team member. It serves as a showcase of individual contributions to the group project, allowing visitors to see the diverse skills and efforts that went into creating the website. The page is designed to be distinct from the main website, providing space for creativity and individual initiative.</p>
```

```
<div class="edit"><a href="../HTML/EditorsPageNawoda.html" >Link to Editor's Page</a></div>
```

```
<br><br><hr><br>
```

```
<button class="anchor-button" onclick="window.scrollTo(0, 0)">Back to Top</button>
```

```
<br><br><br>
```

```
</div>
```

```
</div>
```

```
<!-- Footer section -->
```

```
<footer>
```

```
<div class="footer-content">
```

```
<div class="footer-section about">
```

```
<h3>About Us</h3>
```

```
<p>Bringing Nature's Best to Your Plate: Where Freshness Meets Flavor. We are team greenMart.lk</p>
```

```
<div class="contact">
```

```
<span><i class="fas fa-phone"></i> 123-456-7890</span>
```

```
<span><i class="fas fa-envelope"></i> greenMart@gmail.com</span>
```

```
</div>
```

```
<a class="button" href="../HTML/EditorsPageNawoda.html"target="_blank">Edited by: Nawoda Wadisingha </a>
```

```
        </div>
        <div class="footer-section links">
            <h3>Quick Links</h3>
            <ul>
                <li><a href="#">Home</a></li>
                <li><a href="#">About</a></li>
                <li><a href="#">Services</a></li>
                <li><a href="#">Contact</a></li>
            </ul>
        </div>
        <div class="footer-section contact-form">
            <h3>Contact Us</h3>
            <form action="#">
                <input type="email" name="email" class="text-input contact-input" placeholder="Your email address...">
                <textarea name="message" class="text-input contact-input" placeholder="Your message..."></textarea>
                <button type="submit" class="btn btn-big contact-btn">
                    <i class="fas fa-envelope"></i>
                    Send
                </button>
            </form>
        </div>
    </div>
    <div class="footer-bottom">
        &copy; greenMart.lk | Designed by G22 - Group 10
        <div class="social-icons">
            <a href="#"><i class="fab fa-facebook-f"></i></a>
            <a href="#"><i class="fab fa-instagram"></i></a>
            <a href="#"><i class="fab fa-whatsapp"></i></a>
            <a href="#"><i class="fab fa-youtube"></i></a>
        </div>
    </div>
</footer>
<script src="https://kit.fontawesome.com/a076d05399.js"></script>
</body>
</html>
```

- **Filename: EditorsPageNawoda.css**
- **Code**

```css
* {
 margin: 0;
 padding: 0;
 box-sizing: border-box;
}
  body {
  font-family: 'Poppins', sans-serif;
  margin-top: 100px;

    }
    h1 {
      text-align: center;
      margin-bottom: 20px;
    }

    /* Center-align paragraphs inside .task-list */
    .task-list p{
      text-align: center;
      margin-bottom: 20px;
    }

    /* Center-align .task-list */
    .task-list {
      text-align: center;
    }

    /* Center-align elements with id 'cent' */
    #cent{
      text-align: center;
    }
```

```css
/* Styling for links inside .edit */
   .edit a{
      text-decoration:none;
      font-size: 13px;
      padding: 10px 20px;
   border: none;
   border-radius: 5px;
   background-color: #43db66;
   color: white;
   cursor: pointer;
   margin-top: 10px;
   margin-bottom: 20px;
   }

   /* Hover effect for links */
   a:hover {
      text-decoration: underline;
   }

   /* Styling for the green box */
   .green-box {

   background-color: #4CAF50;
   color: white;
   padding: 5px;
}

/* Styling for the light green box */
.light-green-box {
   background-color: #d4edda;
   max-width: 100%;
    padding: 20px;

}

/* Styling for anchor buttons */
.anchor-button {
```

```
        padding: 10px 20px;

        border: none;

        border-radius: 5px;

        background-color: #28a745;

        color: white;

        cursor: pointer;

        margin-top: 10px;

        margin-bottom: 20px;

    }
```

Appendix B: Screenshots

- **Filename : profile.html**
- **Screenshot(s)**
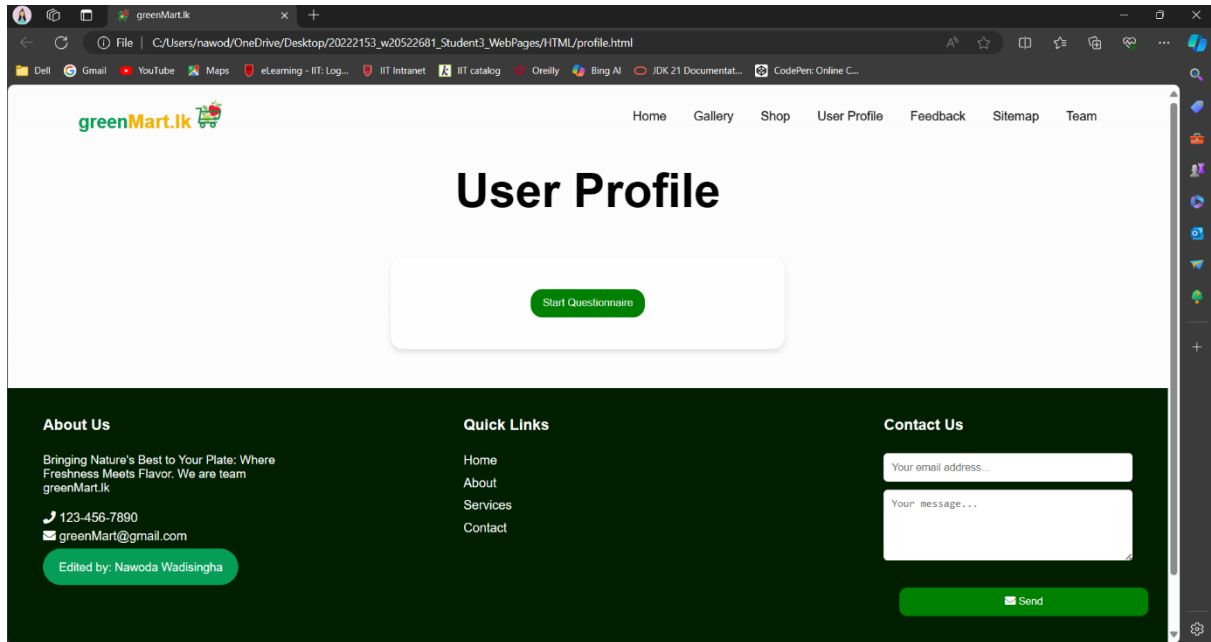
Figure 11 user profile screenshot 1
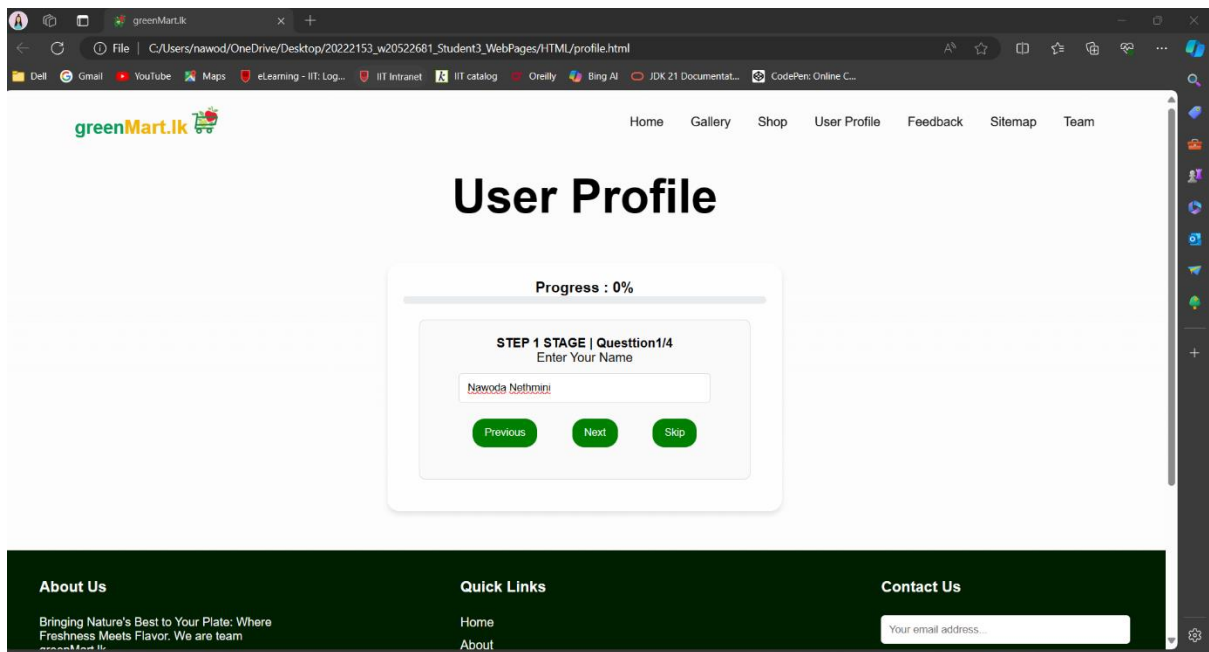
Figure 10 user profile screenshot 2
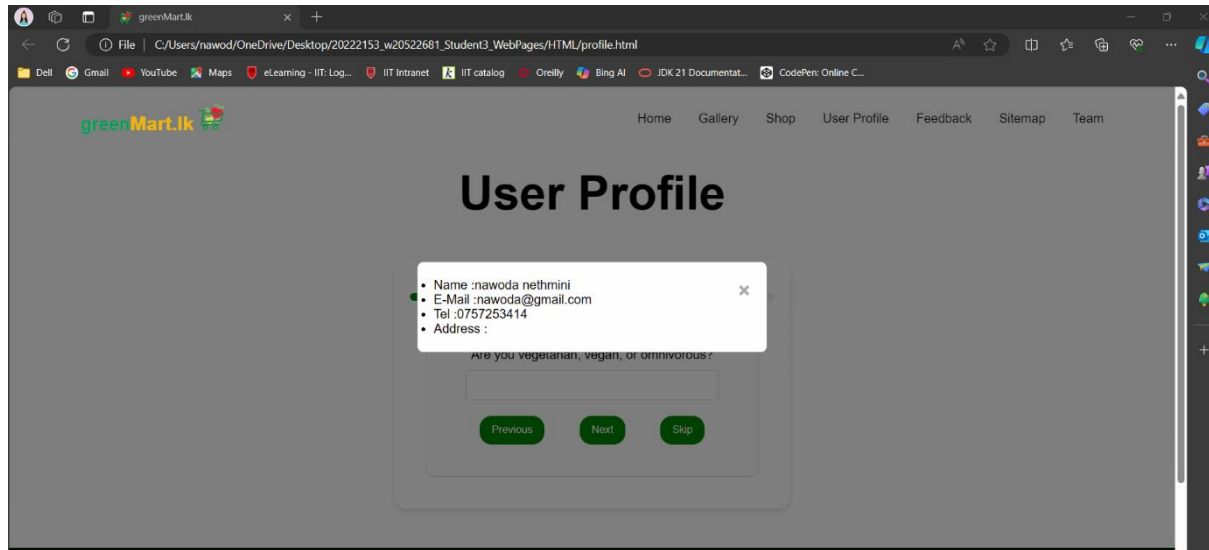
Figure 12 userprofile screenshot 3
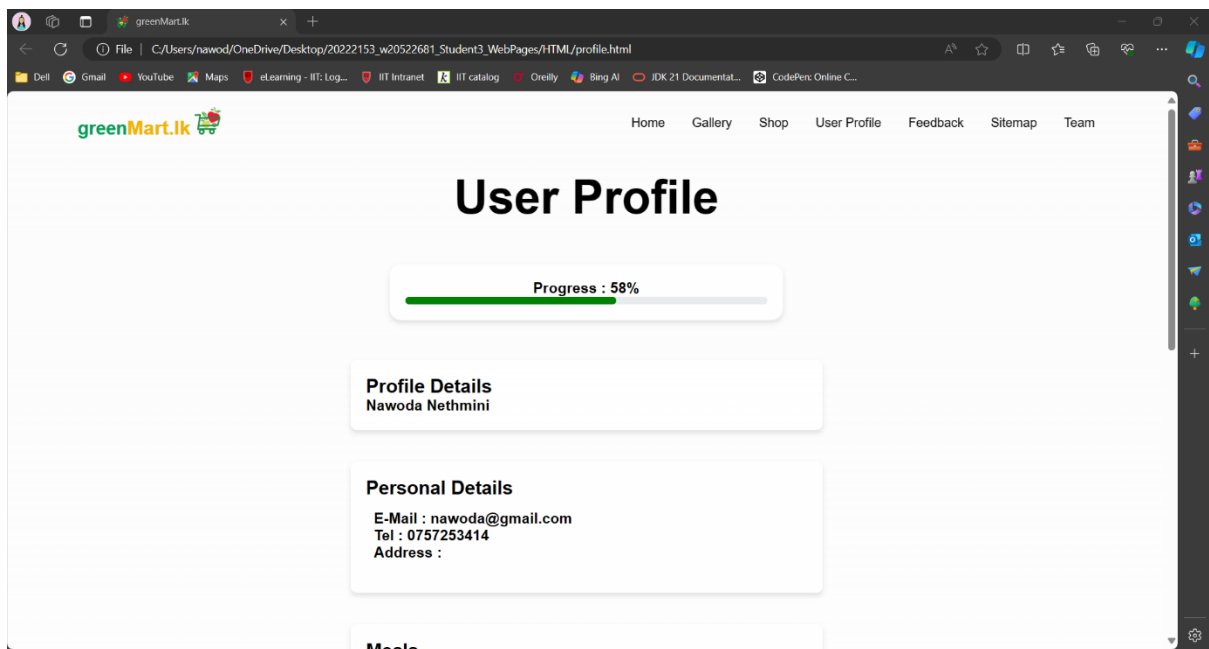
Figure 13 user profile screenshot 4

- **Filename : team.html**

- **Screenshot(s)**
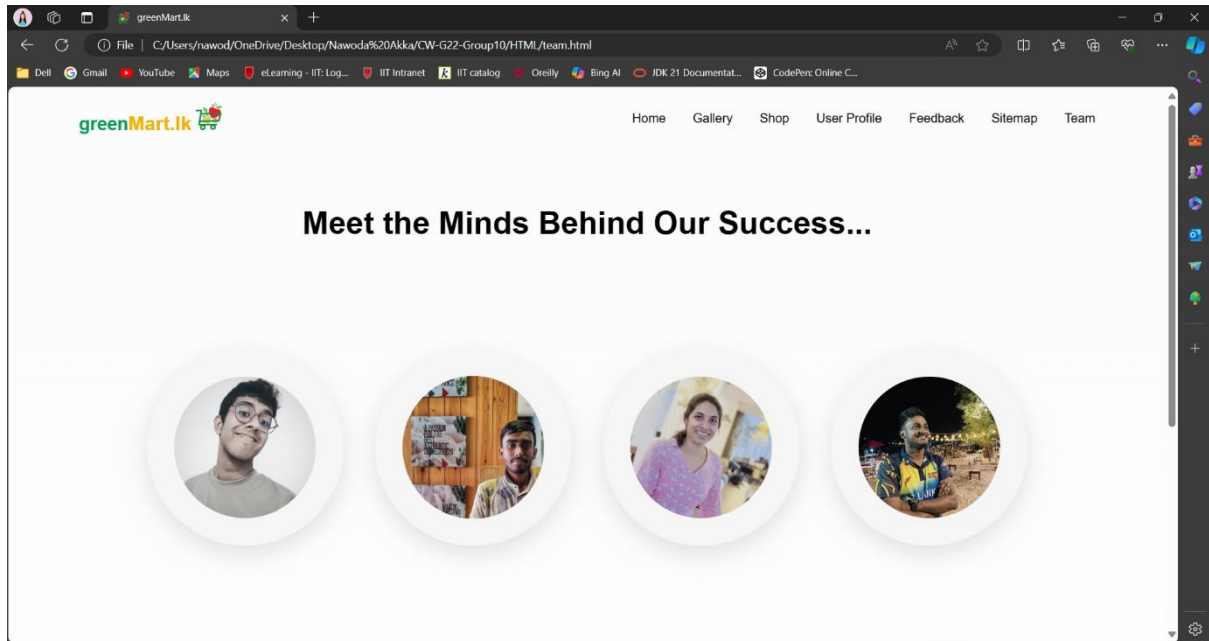
Figure 14 team page screenshot 1
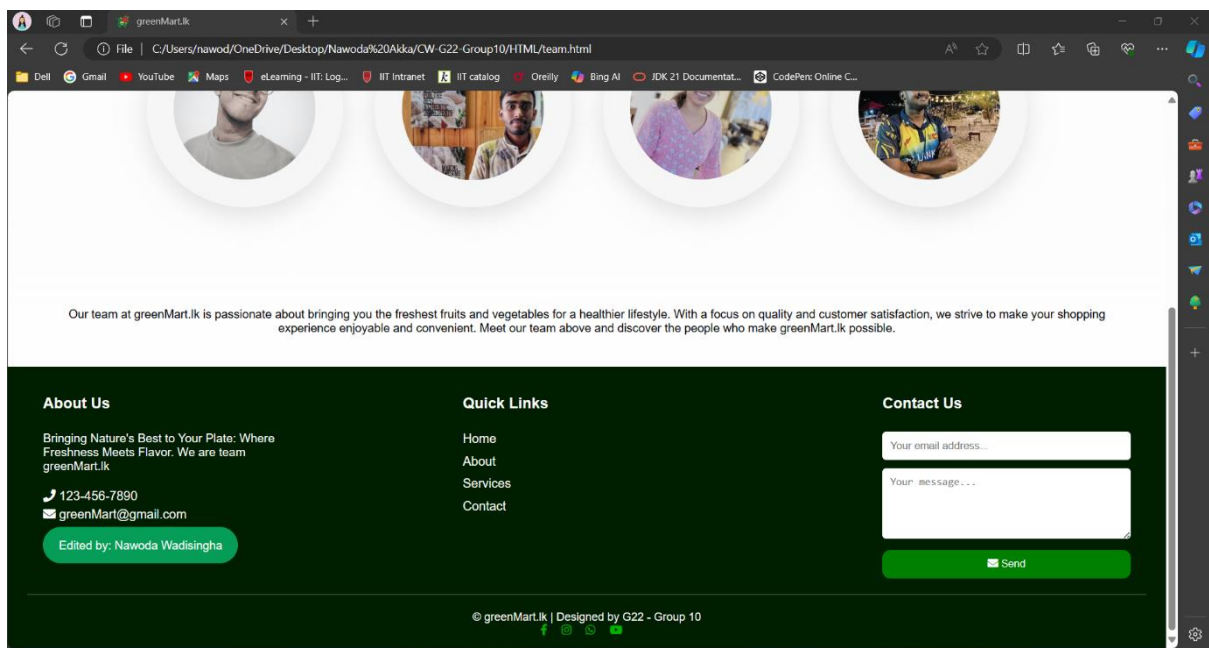
Figure 15 team page screenshot 2

- **Filename : ContentPageNawoda.html**

- **Screenshot(s)**
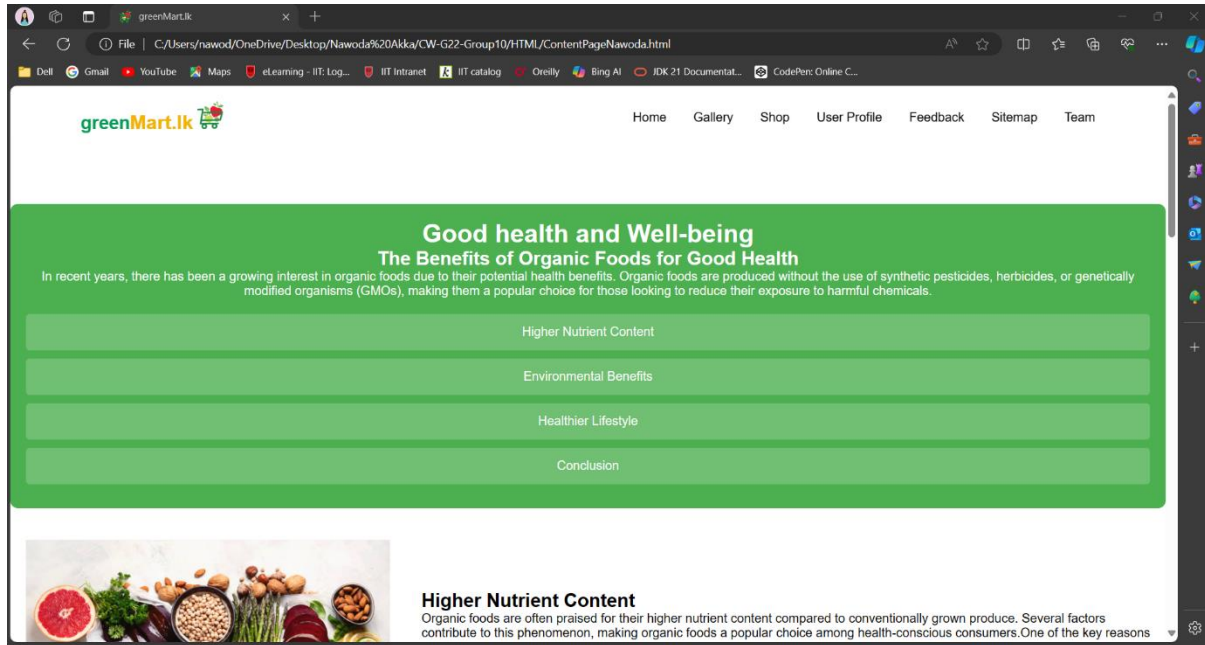
Figure 16 Content page screenshot 1
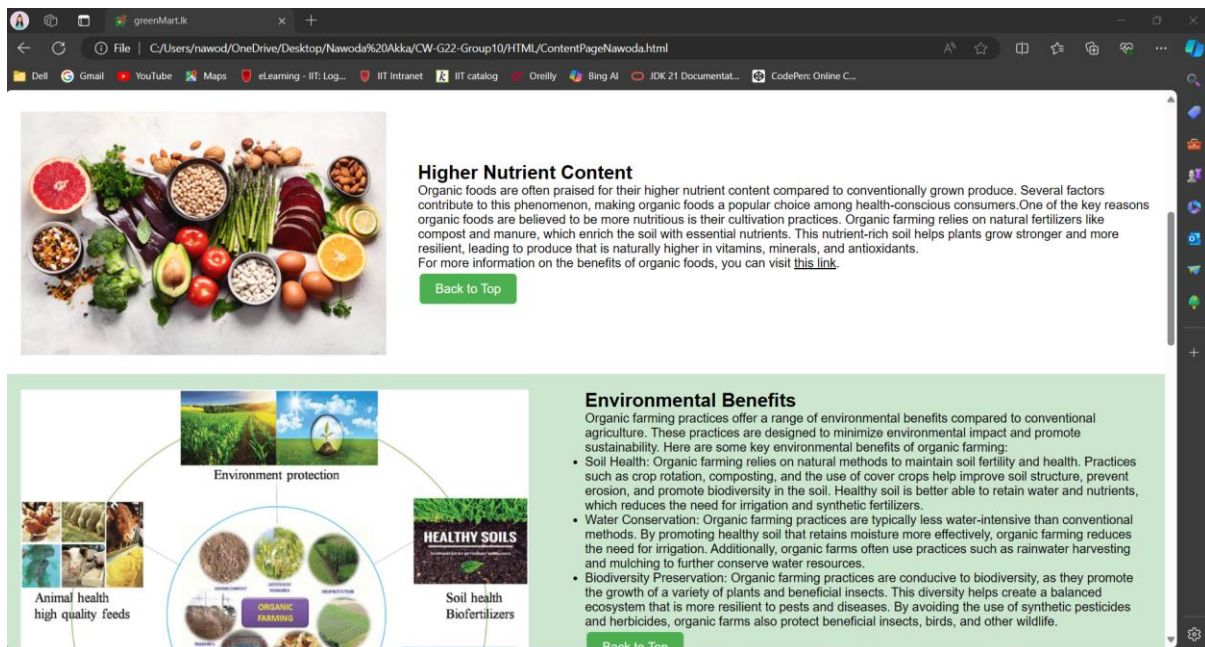
Figure 17 Content page screenshot 2
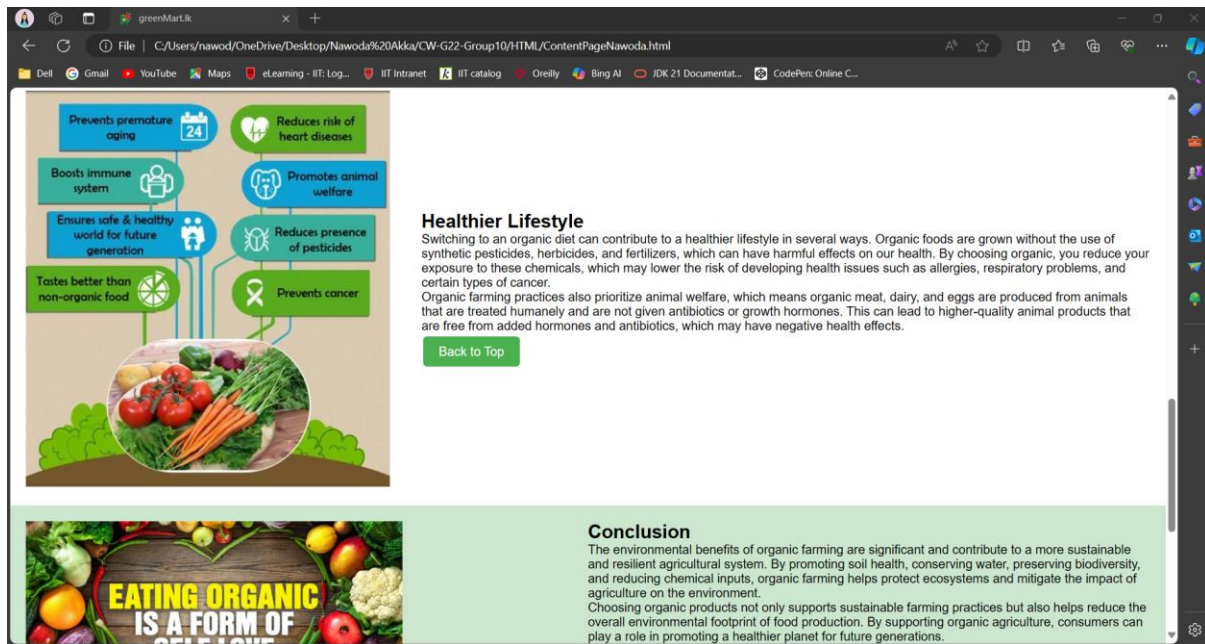
Figure 18 Content page screenshot 3
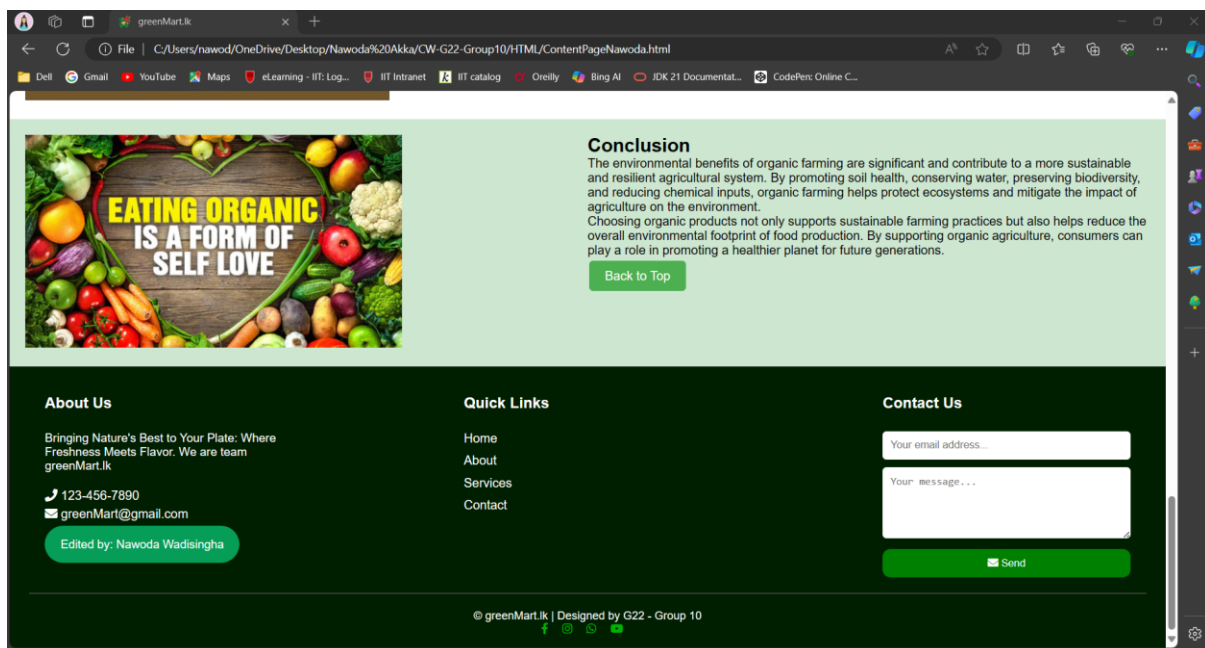
Figure 19 Content page screenshot 4

- **Filename : EditorsPageNawoda.html**

- **Screenshot(s)**
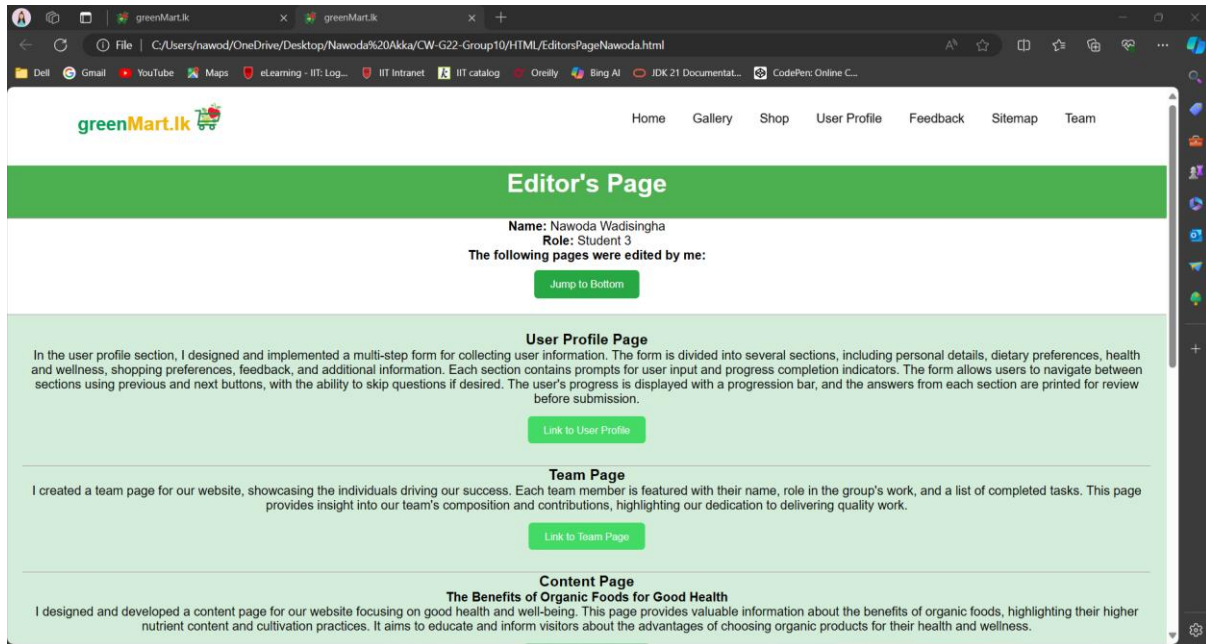
Figure 20 editors page screenshot 1
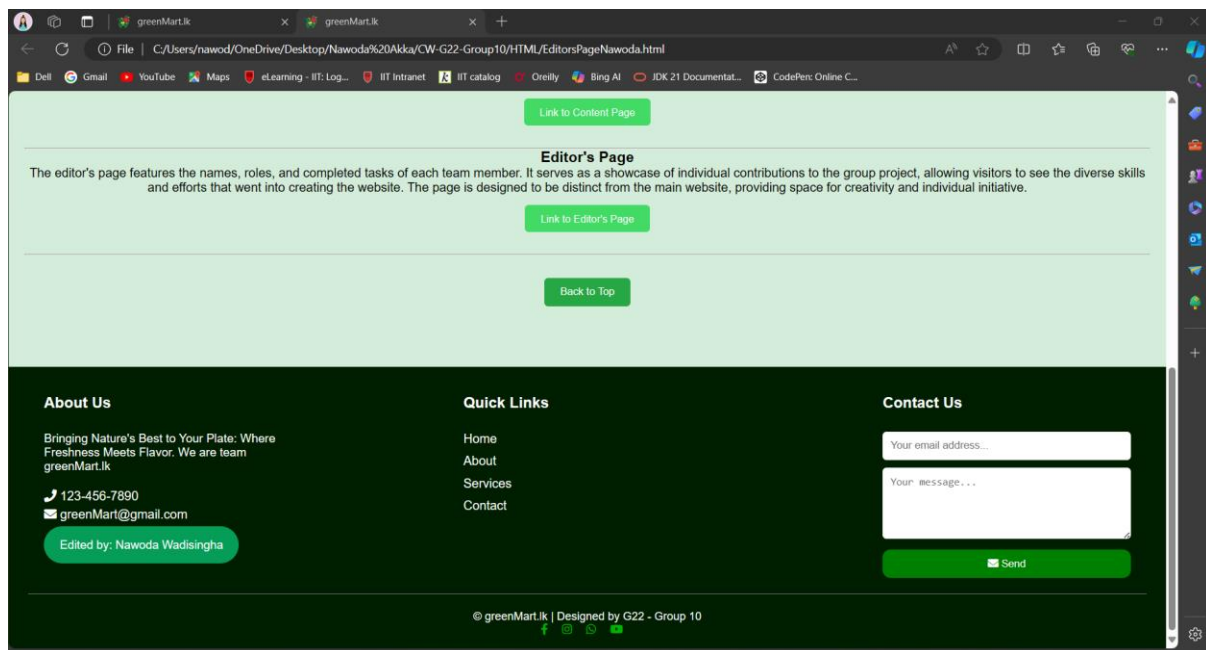
Figure 21 editors page screenshot 2

Appendix C: Screenshots - Webpage Validation Evidence

- **Filename: profile.html**

This tool is an ongoing experiment in better HTML checking, and its behavior remains subject to change

Showing results for profile.html

Checker Input

Show ☐ source ☐ outline ☐ image report [Options...]

Check by [file upload ∨] [Choose File] No file chosen

Uploaded files with .xhtml or .xht extensions are parsed using the XML parser.

[Check]

Use the Message Filtering button below to hide/show particular messages, and to see total counts of errors and warnings.

[Message Filtering]

1. **Warning** **Empty heading.**
   From line 12, column 3; to line 12, column 23
   ainer">↵   `<h3 id="progresspre">`</h3>↵

2. **Error** **End tag** `h3` **seen, but there were open elements.**
   From line 42, column 44; to line 42, column 48
   le Details`</h3>`↵   <

Document checking completed.

Used the HTML parser.
Total execution time 5 milliseconds.

Figure 22 profile.html file validation evidence

- **Filename: profile.css**

Nu Html Checker

This tool is an ongoing experiment in better HTML checking, and its behavior remains subject to change

Showing results for profile.css

Checker Input

Show ☐ source ☐ outline ☐ image report [Options...]

Check by [file upload ∨] [Choose File] No file chosen

Uploaded files with .xhtml or .xht extensions are parsed using the XML parser.

[Check]

Document checking completed. No errors or warnings to show.

Total execution time 3 milliseconds.

About this checker • Report an issue • Version: 24.3.20

Figure 23 profile.css file validation evidence

- **Filename: team.html**

Figure 24 team.htmll file validation evidence 1

Figure 25 team.html file validation evidence 2

- **Filename: team.css**

Figure 26 team.css file validation evidence

- **Filename: ContentPageNawoda.html**

Figure 27 content_nw file validation evidence 1

1. **Error** No space between attributes.
   At line 32, column 23
   `n id="section1"class="flex-con`

2. **Error** Bad value `Organic Foods.jpg` for attribute `src` on element `img` : Illegal character in path segment: space is not allowed.
   From line 34, column 5; to line 34, column 52
   `mg1">   <img src="Organic Foods.jpg" alt="Organic Food"></div`

3. **Error** No space between attributes.
   At line 59, column 23
   `n id="section3"class="flex-con`

4. **Error** Bad value `Healthier Lifestyle.jpg` for attribute `src` on element `img` : Illegal character in path segment: space is not allowed.
   From line 62, column 5; to line 62, column 65
   `mg1">   <img src="Healthier Lifestyle.jpg" alt="Healthier Lifestyle"></div`

Document checking completed.

Used the HTML parser.
Total execution time 8 milliseconds.

About this checker • Report an issue • Version: 24.3.20

Figure 28 content_nw file validation evidence 2

- **Filename: ContentPageNawoda.css**

Nu Html Checker

This tool is an ongoing experiment in better HTML checking, and its behavior remains subject to change

Showing results for content_nw.css

Checker Input

Show ☐ source ☐ outline ☐ image report Options…

Check by file upload ∨ Choose File No file chosen

Uploaded files with .xhtml or .xht extensions are parsed using the XML parser.

Check

Document checking completed. No errors or warnings to show.

Total execution time 3 milliseconds.

About this checker • Report an issue • Version: 24.3.20

Figure 29 content_css file validation evidence

Appendix D: Task Completion Checklist

Student 3 Tasks	Completed			Student Comments
	Yes	No	Partially	
1 – User Profile	**Y**			Successfully implemented user profile functionality with clear prompts and user-friendly design.
2 – Team	**Y**			Created a team page with accurate team member information and an organized layout.
3 – Content page	**Y**			Developed a content page with informative and engaging content, including internal links for easy navigation.
4 – Page Editor	**Y**			Designed an editor's page with clear information about team member roles and completed tasks, with links back to created pages.
5 – Use of the provided navigation bar (adapted)	**Y**			Adapted the provided navigation bar effectively, ensuring consistency and ease of use across all pages.
6 – Use of provided template (adapted)	**Y**			Adapted the provided template to maintain a consistent design theme throughout the website.
7 – Additional CSS	**Y**			Used additional CSS to enhance the visual appeal and layout of the website, improving user experience.
8 – Additional Interactivity	**Y**			Implemented additional interactivity, such as hover effects and animations, to engage users and improve usability.
9 – Uploaded to Webserver		**N**		Successfully uploaded the website to a web server, making it accessible to users online.