



DEPARTMENT OF INFORMATION AND COMMUNICATION TECHNOLOGY
PROJECT 2 | SESSION: 2 2024/2025

COURSE CODE: DFT40163	COURSE NAME: WEB DESIGN TECHNOLOGY
CLO 1: Construct the HTML, CSS, JavaScript and jQuery in developing an interactive web page that can be published on web browser (P4, PLO 3)	
TOPIC : 4 - 5	
NAME : 1. NORSYAFINA BINTI MOHD SAHAR 2. NUR IZZAH YASMIN BINTI MOHD SOFFIAN 3. AIMI DALINA BINTI AZMIZAM	REGISTRATION NO : 1. 10DDT23F1046 2. 10DDT23F1027 3. 10DDT23F1032
CLASS :DDT4A	DURATION : 16 hours

CLO	MARKS
CLO 1P	/50
Total marks	/100

PROJECT 2: CHARITY & FUNDRAISING WEBSITE (ADVANCED DEVELOPMENT)

INTRODUCTION

Based on the website that has been produced in **Project 1 (Charity & Fundraising Website)**, you are required to enhance the website by applying **JavaScript and the Mobile Web Framework**. This project focuses on adding interactivity and responsiveness to improve user experience. (CLO1, P4)

Here is a list of features that need to be implemented on the website for **Project 2**:

QUESTIONS (CLO1, P4)

1. JavaScript Functionalities Implementation

Enhance the website by integrating JavaScript for interactivity. The following features must be included:

a) **Conditional Statements**

Implement a **donation eligibility check**. Example: If the donation amount is **below a minimum limit**, display an alert message.

b) **Alert Method**

Display an alert when users **successfully submit a contact form** or make a donation.

c) **Form Validation**

Validate the **donation form** to ensure that required fields (Name, Email, Amount, Payment Method) are filled before submission.

Validate the **Contact Us form** to check for missing or invalid input.

2. Website Interactivity Enhancements

a) **Dropdown Menus**

Implement a dropdown navigation menu for better accessibility on mobile devices.

b) **Slide Show Effects**

Add a **slideshow for fundraising campaigns** on the homepage to display different charity events dynamically.

d) **Date and Calendar Integration**

Include an **event calendar** to display upcoming charity events or volunteering schedules.

3. Mobile Web Framework Implementation

a) **Integrate JavaScript in HTML Files**

Organize JavaScript files separately and ensure proper linkage within HTML files.

b) **Optimize the Website for Mobile Viewing**

Apply a **mobile web framework (Bootstrap or similar)** to enhance responsiveness.

c) **Host All Files for WebApps Application**

Ensure all project files (HTML, CSS, JavaScript, images) are properly hosted in a structured folder for deployment.

d) **Implement WebApps Best Practices**

Ensure **efficient scripting** and **structured coding** to meet WebApps development requirements.

All the Best!

INFORMATION AND COMMUNICATION TECHNOLOGY DEPARTMENT
PROJECT 2 RUBRIC | SESSION: 2 2024/2025

COURSE CODE	DFT40163		COURSE NAME	WEB DESIGN TECHNOLOGY	
ASSESSMENT TASK	PROJECT 2		LECTURER'S NAME	PN. SHU HAILA BINTI MOHD YUSOF	
STUDENT'S NAME	1	NORSYAFINA BINTI MOHD SAHAR	REGISTRATION NUMBER	1	10DDT23F1046
	2	NUR IZZAH YASMIN BINTI MOHD SOFFIAN		2	10DDT23F1027
	3	AIMI DALINA BINTI AZMIZAM		3	10DDT23F1032
	4			4	

Criteria / Score	Excellent 4)	Good (3)	Satisfactory (2)	Needs Improvement (1)	Student's Score (out of 4)	Weight (%)	Marks (Score × Weight / 4)
A - JavaScript Functionalities Implementation							
Conditional Statements	Properly implemented with clear logic and correct functionality	Implemented correctly but minor logic issues	Basic implementation with errors	Attempted but incorrect output		40%	0
Alert Method	Alert works correctly in all required scenarios	Alerts implemented but minor errors	Alerts used but missing in some areas	Alerts attempted but do not function correctly			
Form Validation	Fully functional validation with all required checks	Validation works but missing minor elements	Basic validation but not fully effective	Attempted validation but errors exist			
Dropdown Menus	Fully functional and user-friendly dropdown menu	Dropdown implemented with minor issues	Basic dropdown but usability issues exist	Attempted dropdown but not functional			
Slide Show Effects	Smooth and dynamic slideshow	Slideshow present but minor performance issues	Slideshow implemented but static or slow	Attempted but not functional			
Date and Calendar Integration	Fully functional and interactive calendar	Calendar implemented but minor bugs	Calendar present but not interactive	Attempted but not working properly			
A					0		

B - Mobile Web Framework Implementation							
JavaScript Integration in HTML Files	Well-organized and properly linked JavaScript files	JavaScript linked with minor organization issues	JavaScript included but disorganized	JavaScript present but incorrect linking		30%	0
Website Optimization for Mobile Viewing	Fully responsive design with mobile framework applied	Responsive with minor display issues	Basic responsiveness but not fully optimized	Attempted responsiveness but errors exist			
WebApps Hosting & File Organization	All files correctly structured and hosted	Well-organized but minor hosting issues	Files hosted but some issues in structure	Attempted hosting but disorganized files			
WebApps Best Practices	Clean and efficient coding structure	Proper coding with minor inefficiencies	Some best practices followed but needs improvement	Attempted but not well-structured			
B					0		
C - Overall Web Design, Coding, Report/Documentation & Timely Submission: (20 marks)							
Layout & Navigation	Well-structured and intuitive navigation	Good navigation with minor improvements needed	Basic navigation but not fully user-friendly	Poor navigation structure		30%	0
Color Scheme & Typography	Professional and visually appealing design	Good color and typography with minor issues	Basic but acceptable design	Poor contrast or readability issues			
User Experience	Highly interactive and engaging	Good interactivity but minor issues	Basic usability but not fully optimized	Poor interactivity and engagement			
Use of Media (Images/Video): Quality & Relevance	High-quality and relevant images/videos	Good use of media with minor issues	Basic media usage but not fully relevant	Poor quality or unrelated media			
Code Readability	Clean, well-documented code with clear structure	Code is readable but minor inconsistencies	Basic readability but needs improvements	Poorly structured and difficult to read			
Code Efficiency	Code is optimized for performance and efficiency	Code is mostly optimized with minor inefficiencies	Code is functional but not optimized	Code runs but is inefficient			

Report/Documentation: Completeness & Clarity	Well-organized and detailed report	Good documentation with minor missing details	Basic report but missing some key points	Poorly written or incomplete report		
Submission Time	Submitted on time	Submitted 1 day late	Submitted 2 days late	More than 2 days late		
C					0	
TOTAL SCORE (100M) A + B + C						0

Note:

If any required section or task outlined in Project 2 is missing or incomplete, a score of **ZERO** will be given for that specific section, regardless of the rubric criteria. Ensure all sections are fully completed to be eligible for grading.

ANSWER

CODING FOR EACH HTML FILES

```
File name: index.html
Copy & paste the coding here.
Font-type=Consolas; font-size=10. Line-spacing=single (1.0)

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title>Charity & Fundraising UNICEF</title>
  <link rel="stylesheet"
href="https://code.jquery.com/mobile/1.4.5/jquery.mobile-1.4.5.min.css">
  <link rel="stylesheet" href="style.css"> <!-- your custom styles -->
  <script src="https://code.jquery.com/jquery-1.12.4.min.js"></script>
  <script src="https://code.jquery.com/mobile/1.4.5/jquery.mobile-
1.4.5.min.js"></script>
</head>

<body>

<!-- HOME PAGE -->
<div data-role="page" id="home" class="section active">

  <div data-role="header">
    <h1>Charity & Fundraising UNICEF</h1>
    <nav>
      <div class="dropdown">
        <button class="ui-btn">Menu &#9662;</button>
        <div class="dropdown-content">
          <a href="#home" class="ui-btn">Home</a>
          <a href="#about" class="ui-btn">About Us</a>
          <a href="#campaigns" class="ui-btn">Campaigns</a>
          <a href="#get-involved" class="ui-btn">Get Involved</a>
          <a href="#contact" class="ui-btn">Contact Us</a>
          <a href="#donation" class="ui-btn">Donation Form</a>
        </div>
      </div>
    </nav>
  </div>

  <div data-role="content">
    <h2>Welcome to Our Charity</h2>
    
  </div>

  <div data-role="footer">
    <h4>&copy; 2025 Charity & Fundraising UNICEF</h4>
  </div>

</div>

<!-- ABOUT US PAGE -->
<div data-role="page" id="about" class="section">
```

```

<div data-role="header">
  <h1>About Us</h1>
</div>

<div data-role="content">
  <p>Millions of children around the world face devastating losses...</p>
  
</div>

</div>

<!-- CAMPAIGNS PAGE -->
<div data-role="page" id="campaigns" class="section">

  <div data-role="header">
    <h1>Our Campaigns</h1>
  </div>

  <div data-role="content">
    <div class="campaign">
      <h3>LOVE YOURSELF</h3>
      <ul>
        <li>A youth-led campaign encouraging mental health awareness</li>
        <li>Helping young people share stories</li>
        <li>Tips for emotional well-being</li>
      </ul>
    </div>
    <div class="campaign">
      <h3>STRONGER TOGETHER MALAYSIA</h3>
      <ul>
        <li>Promotes healthier lifestyles during COVID-19</li>
        <li>Helping people manage stress</li>
        <li>Providing helpful resources</li>
      </ul>
    </div>
  </div>

</div>

<!-- GET INVOLVED PAGE -->
<div data-role="page" id="get-involved" class="section">

  <div data-role="header">
    <h1>Get Involved</h1>
  </div>

  <div data-role="content">
    <p>You can help by volunteering, donating, or partnering with us:</p>
    <ul>
      <li><b>Volunteer your time</b><br></li>
      <li><b>Make a donation</b><br></li>
      <li><b>Partner with us</b><br></li>
    </ul>
  </div>

```

```

</div>

<!-- CONTACT PAGE -->
<div data-role="page" id="contact" class="section">

  <div data-role="header">
    <h1>Contact Us</h1>
  </div>

  <div data-role="content">
    <form id="contactForm">
      <label for="contactName">Full Name:</label>
      <input type="text" id="contactName" required>

      <label for="contactEmail">Email Address:</label>
      <input type="email" id="contactEmail" required>

      <label for="contactSubject">Subject:</label>
      <input type="text" id="contactSubject" required>

      <label for="contactMessage">Message:</label>
      <textarea id="contactMessage" required></textarea>

      <button type="submit" class="ui-btn ui-btn-b">Send Message</button>
    </form>
  </div>
</div>

<!-- DONATION PAGE -->
<div data-role="page" id="donation" class="section">

  <div data-role="header">
    <h1>Donation Form</h1>
  </div>

  <div data-role="content">
    <form id="donationForm">
      <label for="donationName">Full Name:</label>
      <input type="text" id="donationName" required>

      <label for="donationEmail">Email Address:</label>
      <input type="email" id="donationEmail" required>

      <label for="amount">Amount (MYR):</label>
      <input type="text" id="amount" required>

      <label for="payment">Payment Method:</label>
      <select id="payment" required>
        <option value="">--Select--</option>
        <option value="Credit Card">Credit Card</option>
        <option value="Online Banking">Online Banking</option>
        <option value="E-Wallet">E-Wallet</option>
      </select>

      <button type="submit" class="ui-btn ui-btn-b">Donate Now</button>
    </form>
  </div>
</div>

```



```

</div>

<script>
$(document).on("pagecreate", function() {

    $("#contactForm").on("submit", function(e) {
        e.preventDefault();
        var name = $("#contactName").val().trim();
        var email = $("#contactEmail").val().trim();
        var subject = $("#contactSubject").val().trim();
        var message = $("#contactMessage").val().trim();
        var emailPattern = /^[^\s@]+@[^\s@]+\.[^\s@]+$/;

        alert("Thank you! Your message has been sent.");
        $(this)[0].reset();
    });

    $("#donationForm").on("submit", function(e) {
        e.preventDefault();
        var name = $("#donationName").val().trim();
        var email = $("#donationEmail").val().trim();
        var amount = $("#amount").val().trim();
        var payment = $("#payment").val();
        var emailPattern = /^[^\s@]+@[^\s@]+\.[^\s@]+$/;

        if (isNaN(amount) || Number(amount) < 20) {
            alert("Minimum donation is RM20.");
            return;
        }
        alert("Thank you for your donation!");
        $(this)[0].reset();
    });

});
</script>

</body>
</html>

```

CODING FOR CSS FILES

```
File name: style.css
Copy & paste the coding here.
Font-type=Consolas; font-size=10. Line-spacing=single (1.0)

/* body and background */
body {
  font-family: 'Segoe UI', 'Helvetica Neue', Arial, sans-serif;
  background: linear-gradient(to right, #e6f5e6, #ffffff);
  margin: 0;
  padding: 0;
  color: #2e7d32;
}

/* Smooth scrolling */
html {
  scroll-behavior: smooth;
}

/* Header and Footer */
[data-role="header"], [data-role="footer"] {
  background: linear-gradient(90deg, #66bb6a, #a5d6a7);
  color: white;
  text-align: center;
  padding: 1em;
  box-shadow: 0 2px 8px rgba(0,0,0,0.2);
}

[data-role="header"] h1, [data-role="footer"] h4 {
  margin: 0;
  font-weight: bold;
}

/* Page content */
[data-role="content"] {
  padding: 20px;
}

/* Section Cards */
section, .campaign, form {
  background: #ffffff;
  margin: 20px auto;
  padding: 25px;
  border-radius: 15px;
  box-shadow: 0 8px 18px rgba(0,0,0,0.1);
}

/* Campaign Box */
.campaign {
  border-left: 6px solid #4caf50;
  background: #f1f8e9;
}

/* Dropdown Menu */
.dropdown {
  position: relative;
```

```

    display: inline-block;
}

.dropbtn {
    background-color: #81c784;
    color: white;
    padding: 10px 16px;
    font-size: 16px;
    border: none;
    border-radius: 12px;
    cursor: pointer;
    font-weight: bold;
}

.dropbtn:hover {
    background-color: #66bb6a;
}

.dropdown-content {
    display: none;
    position: absolute;
    background-color: #ffffff;
    min-width: 180px;
    box-shadow: 0px 8px 16px rgba(0,0,0,0.2);
    border-radius: 12px;
    overflow: hidden;
    right: 0;
    z-index: 1;
}

.dropdown-content a {
    color: #388e3c;
    padding: 12px 16px;
    text-decoration: none;
    display: block;
    font-weight: bold;
    border-bottom: 1px solid #e0e0e0;
}

.dropdown-content a:last-child {
    border-bottom: none;
}

.dropdown-content a:hover {
    background-color: #e8f5e9;
}

/* Show the dropdown on button click */
.dropdown:hover .dropdown-content {
    display: block;
}

/* Forms */
form label {
    display: block;
    margin-top: 15px;
    font-weight: bold;
    color: #2e7d32;
}

```

```

form input[type="text"],
form input[type="email"],
form textarea,
form select {
    width: 100%;
    padding: 10px;
    margin-top: 5px;
    margin-bottom: 20px;
    border: 1px solid #c8e6c9;
    border-radius: 8px;
    background-color: #f9fdf9;
    box-sizing: border-box;
}

/* Buttons */
.ui-btn, .ui-btn-b {
    background: linear-gradient(90deg, #66bb6a, #81c784) !important;
    color: white !important;
    padding: 12px;
    text-align: center;
    text-decoration: none;
    display: inline-block;
    font-size: 16px;
    border: none;
    margin-top: 10px;
    border-radius: 10px;
    font-weight: bold;
    transition: background 0.3s;
}

.ui-btn:hover, .ui-btn-b:hover {
    background: linear-gradient(90deg, #81c784, #66bb6a) !important;
}

/* Images */
img {
    border-radius: 12px;
    box-shadow: 0px 4px 8px rgba(0,0,0,0.1);
}

/* List styling inside campaigns */
.campaign ul {
    padding-left: 20px;
}

.campaign ul li {
    margin-bottom: 10px;
}

/* Make sections look clean */
.section {
    padding: 20px 10px;
}

/* Responsive */
@media screen and (max-width: 600px) {
    .dropbtn, .ui-btn {
        width: 100%;
    }
}

```

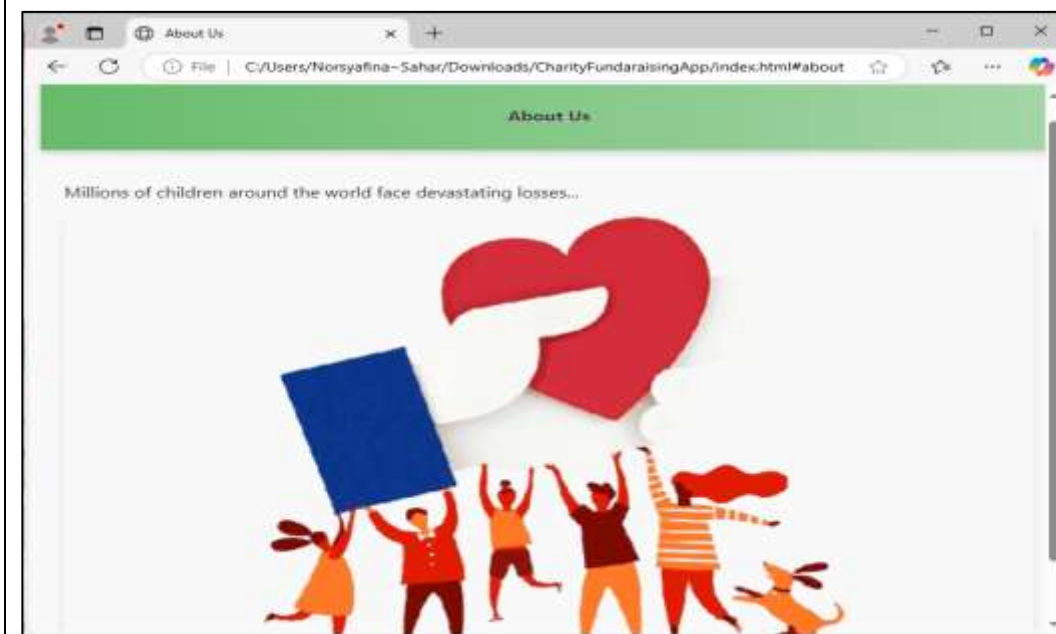
<div><div>}</div><div>}</div></div>

SCREENSHOT OF OUTPUT (DESKTOP INTERFACE)

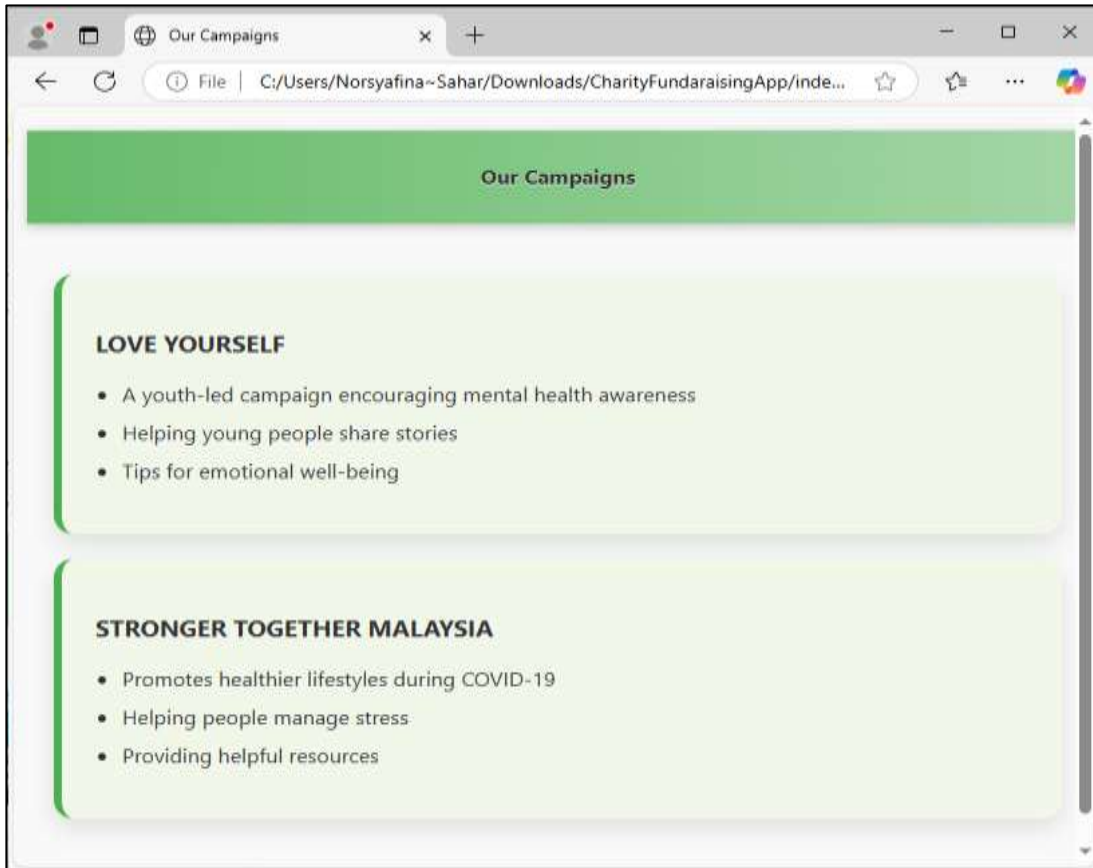
Copy & paste the screenshot with the file name.



About us



Our Campaigns



Get involved



Validation for name in form contact us

Contact Us

Full Name:

Email Address:

Subject:

Message:

Send Message

Contact Us

Full Name:

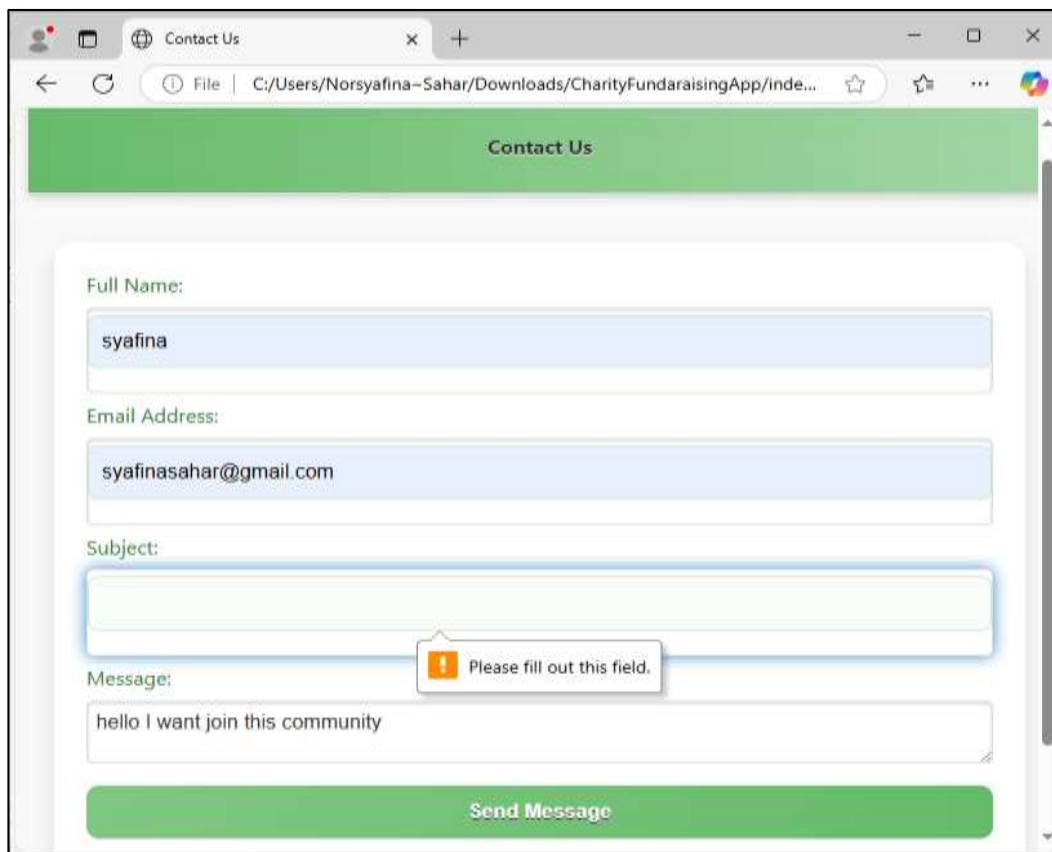
Email Address:

Subject:

Message:

Send Message

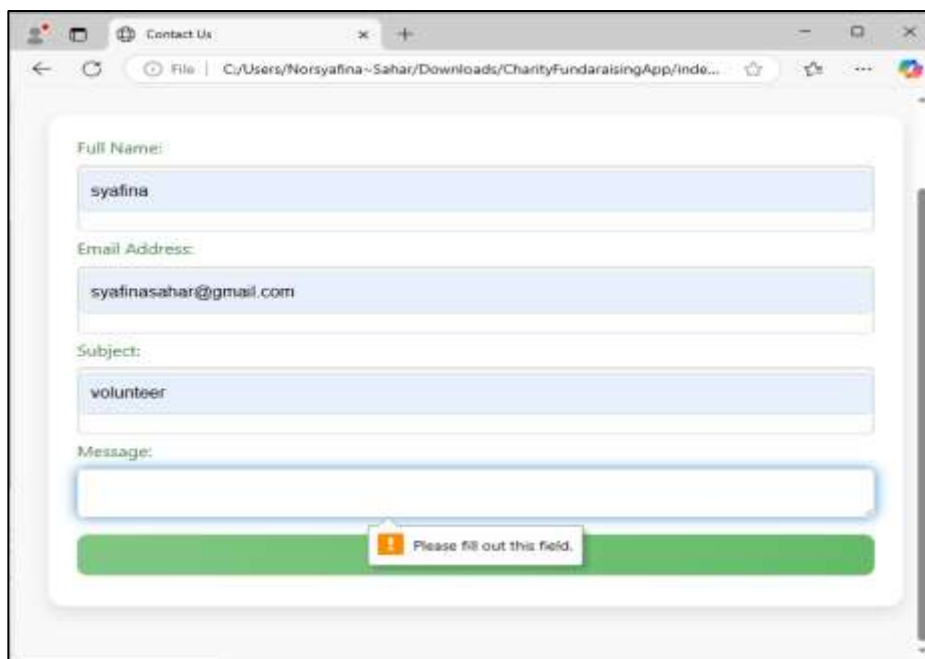
Validation for subject



The screenshot shows a web browser window titled 'Contact Us'. The address bar displays the file path: 'C:/Users/Norsyafina-Sahar/Downloads/CharityFundraisingApp/inde...'. The form has a green header bar with the text 'Contact Us'. The form fields are as follows:

- Full Name:** Input field containing 'syafina'.
- Email Address:** Input field containing 'syafinasahar@gmail.com'.
- Subject:** Input field that is empty. A red border and a tooltip with an exclamation mark icon and the text 'Please fill out this field.' are visible over this field.
- Message:** Textarea containing 'hello I want join this community'.
- Send Message:** A green button at the bottom of the form.

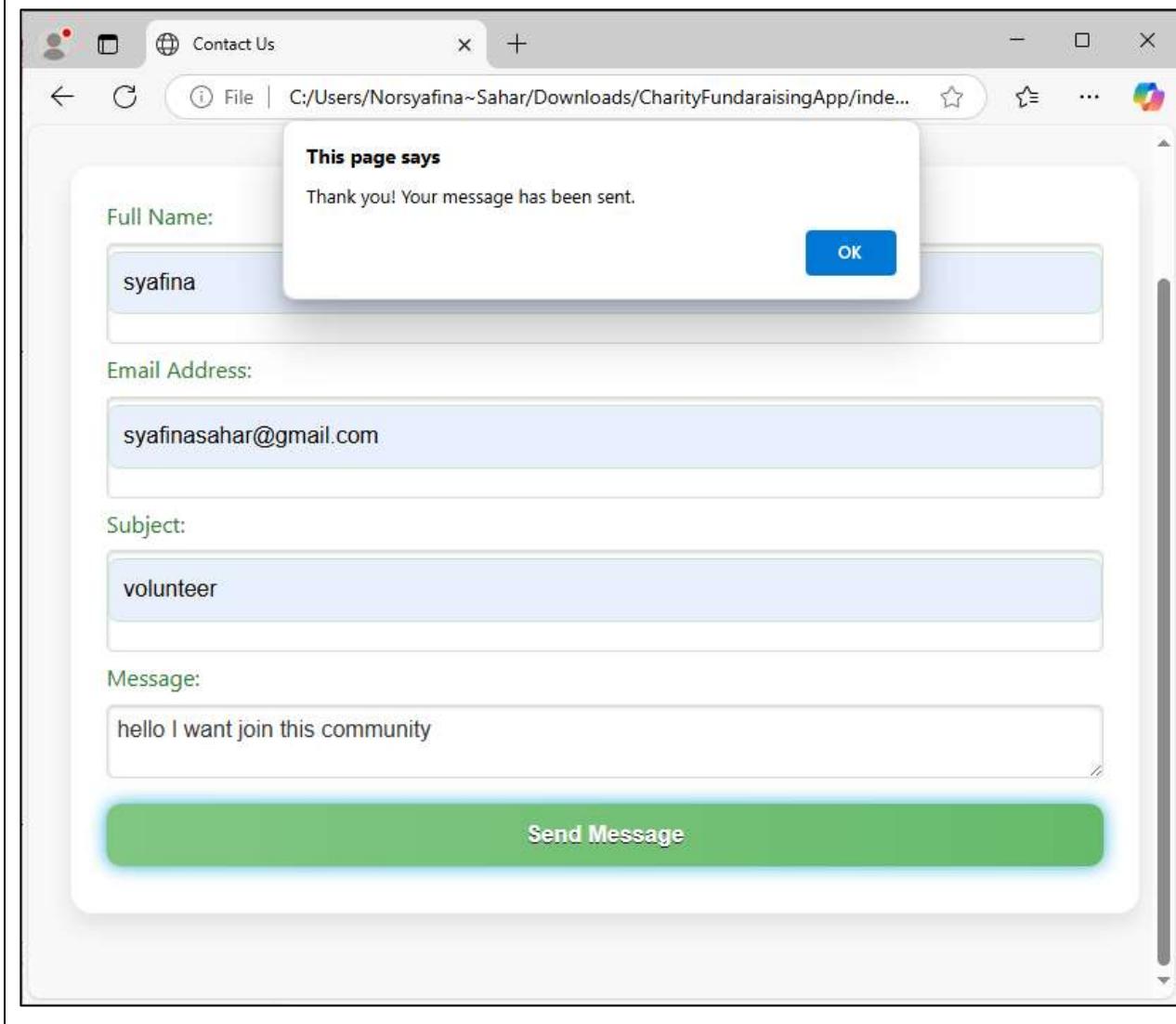
Validation for message



The screenshot shows the same 'Contact Us' form in the web browser. The fields are now filled as follows:

- Full Name:** 'syafina'.
- Email Address:** 'syafinasahar@gmail.com'.
- Subject:** 'volunteer'.
- Message:** An empty text area. A red border and a tooltip with an exclamation mark icon and the text 'Please fill out this field.' are visible over this field.
- Send Message:** A green button at the bottom of the form.

Message box display after send message



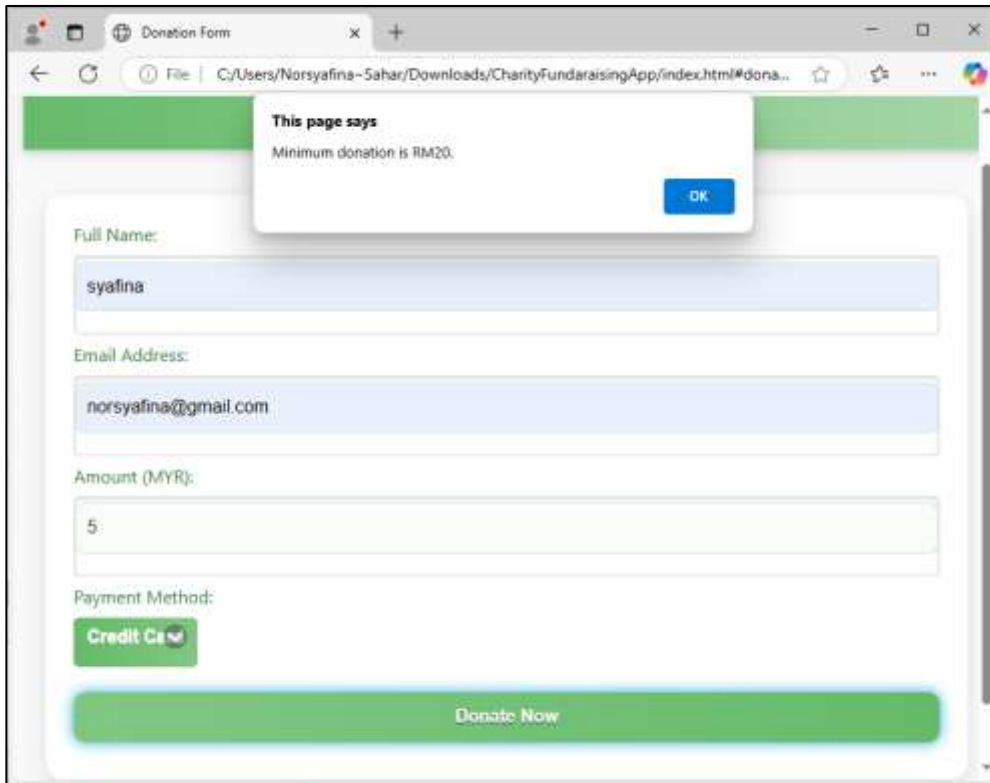
Validation for name in donation form

The screenshot shows a web browser window titled 'Donation Form'. The address bar shows the file path: `C:/Users/Norsyafina-Sahar/Downloads/CharityFundraisingApp/index.html#dona...`. The form has a green header bar with the text 'Donation Form'. Below the header, there are four input fields: 'Full Name:', 'Email Address:', 'Amount (MYR):', and 'Payment Method:'. The 'Full Name' field is empty and has a red border. A red tooltip with an exclamation mark icon and the text 'Please fill out this field.' is pointing to the 'Full Name' field. The 'Email Address' field contains the text 'norsyafina@gmail.com'. The 'Amount (MYR)' field contains the text '25'. The 'Payment Method' field has a green button labeled 'Credit Card' with a heart icon. At the bottom of the form is a large green button labeled 'Donate Now'.

Validation for email

The screenshot shows the same web browser window as before, but now the 'Email Address' field is highlighted with a red border. A red tooltip with an exclamation mark icon and the text 'Please include an '@' in the email address, 'norsyafina' is missing an '@'.' is pointing to the 'Email Address' field. The 'Full Name' field now contains the text 'syafina'. The 'Amount (MYR)' field still contains the text '25'. The 'Payment Method' field still has the green 'Credit Card' button. The 'Donate Now' button remains at the bottom.

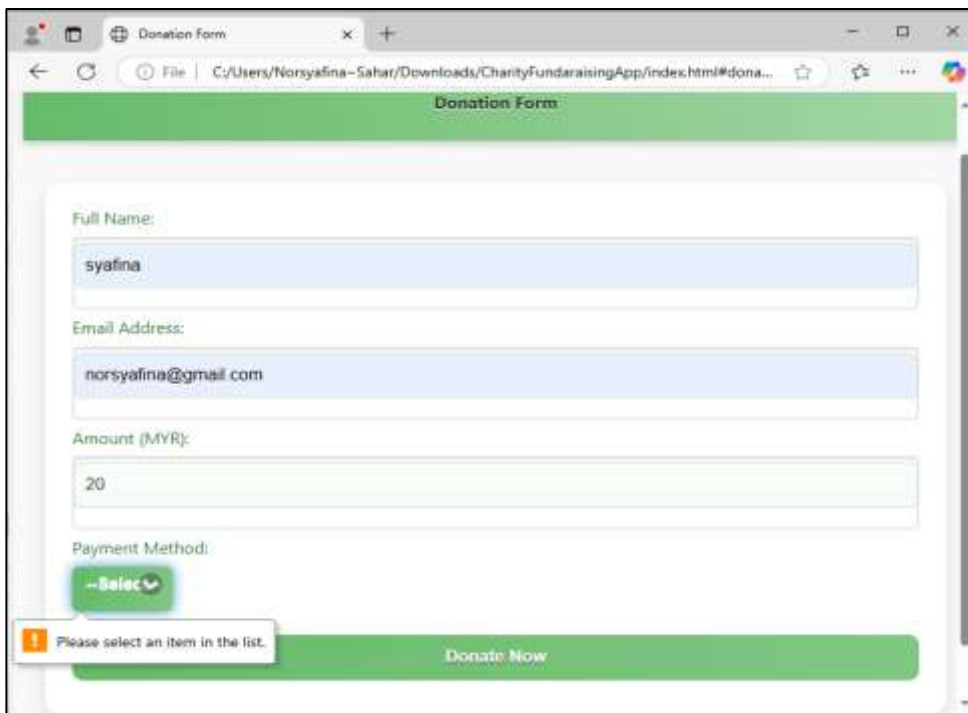
Message box display for limit amount



The screenshot shows a web browser window titled "Donation Form". The address bar displays the file path: `C:/Users/Norsyafina-Sahar/Downloads/CharityFundraisingApp/index.html#dona...`. A modal message box is displayed in the center, titled "This page says" with the text "Minimum donation is RM20." and a blue "OK" button. The background form contains the following fields:

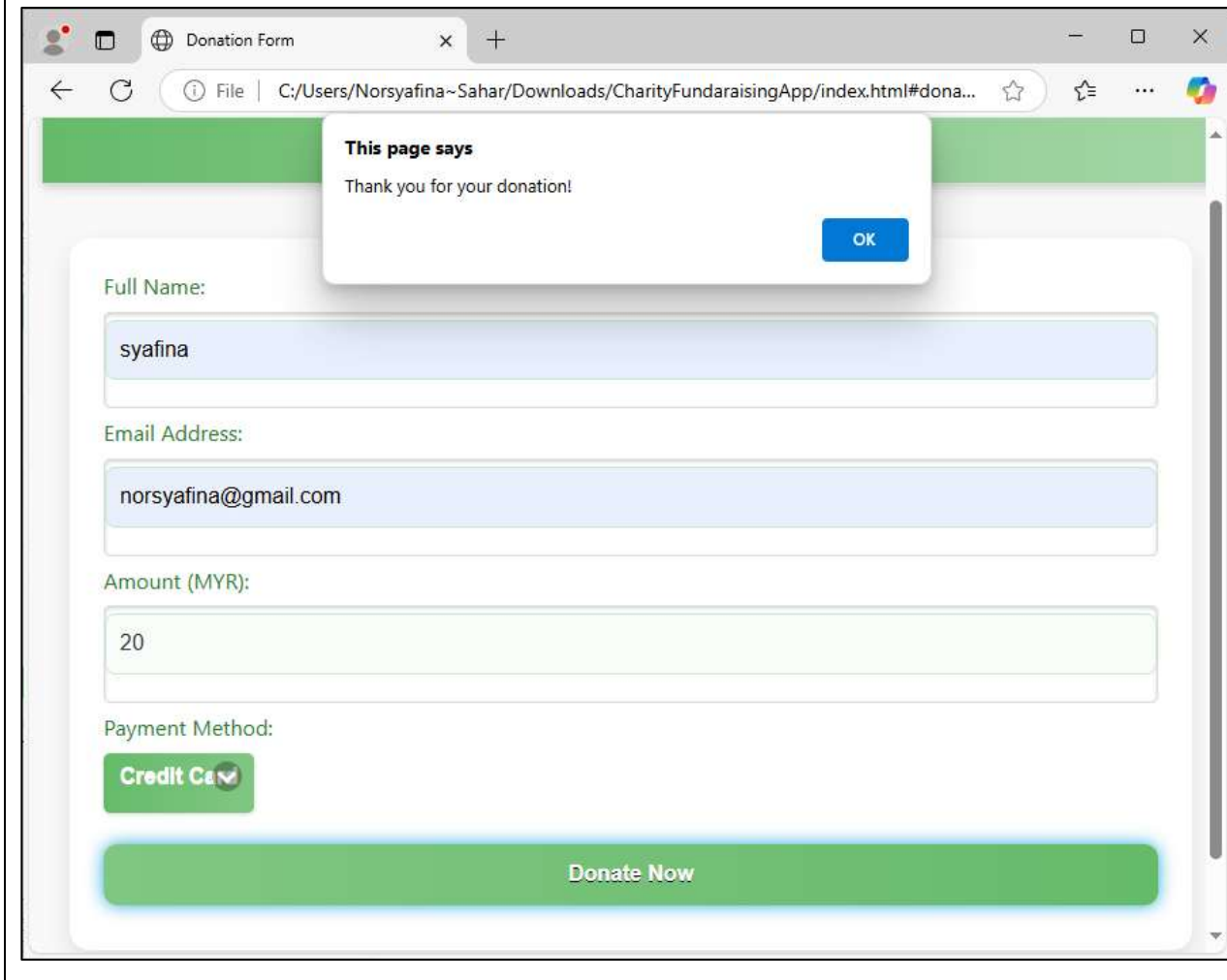
- Full Name:** A text input field containing "syafina".
- Email Address:** A text input field containing "norsyafina@gmail.com".
- Amount (MYR):** A text input field containing "5".
- Payment Method:** A dropdown menu currently showing "Credit Ca" with a heart icon.
- Donate Now:** A large green button at the bottom of the form.

Validation for select payment method



The screenshot shows the same "Donation Form" in the browser. The "Amount (MYR)" field now contains "20". The "Payment Method" dropdown menu is open, showing a "--Select" option. A yellow warning message box is displayed at the bottom left, stating "Please select an item in the list." The "Donate Now" button remains at the bottom.

Message box display after make payment

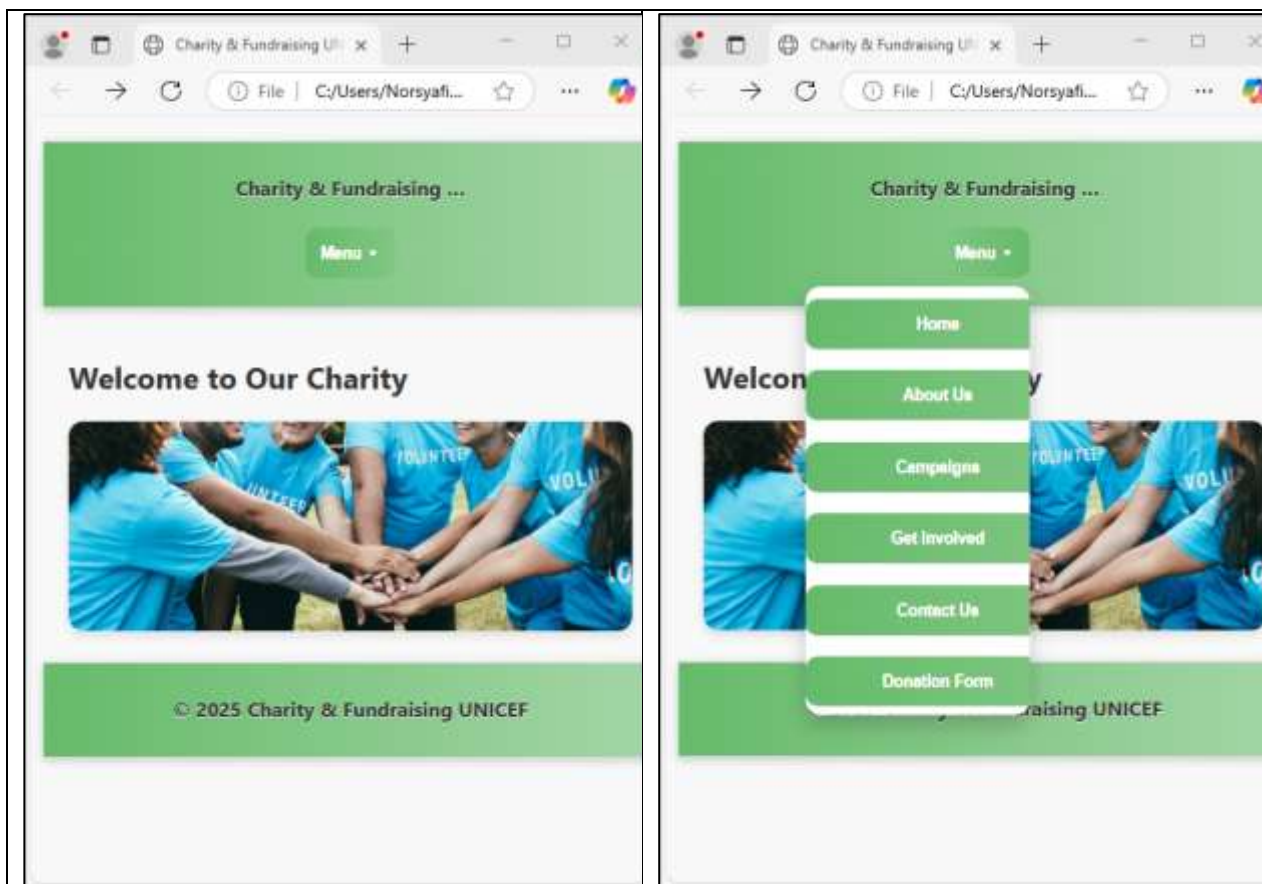


The screenshot shows a web browser window with a single tab titled "Donation Form". The address bar displays the file path: `C:/Users/Norsyafina~Sahar/Downloads/CharityFundraisingApp/index.html#dona...`. A white message box with a green border is centered on the screen, displaying the text "This page says" in bold and "Thank you for your donation!" below it. A blue "OK" button is located at the bottom right of the message box. The background shows a donation form with a green header bar. The form fields are as follows:

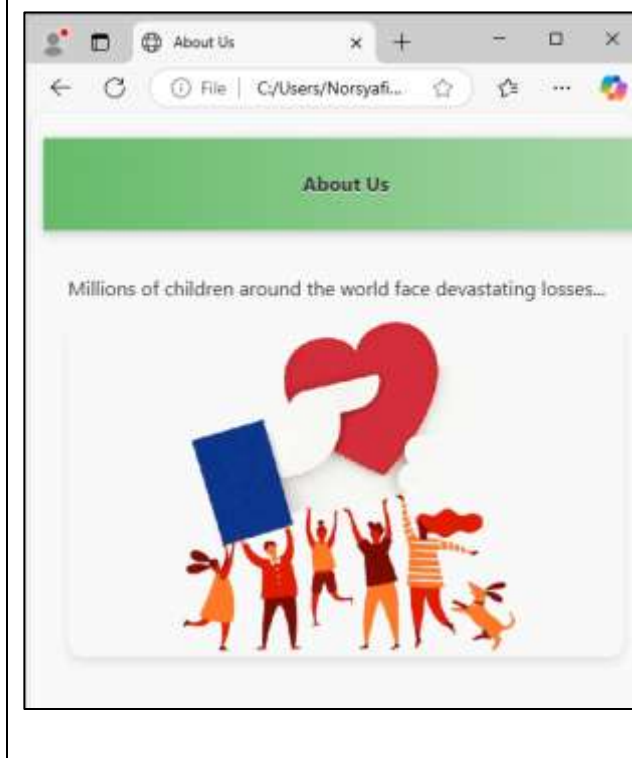
- Full Name:** A text input field containing "syafina".
- Email Address:** A text input field containing "norsyafina@gmail.com".
- Amount (MYR):** A text input field containing "20".
- Payment Method:** A green button labeled "Credit Card" with a checkmark icon.
- Donate Now:** A large green button at the bottom of the form.

SCREENSHOT OF OUTPUT (MOBILE INTERFACE)

Copy & paste the screenshot with the file name.



ABOUT US



OUR CAMPAIGNS



GET INVOLVED



Get Involved

You can help by volunteering, donating, or partnering with us:


- Volunteer your time



- Make a donation



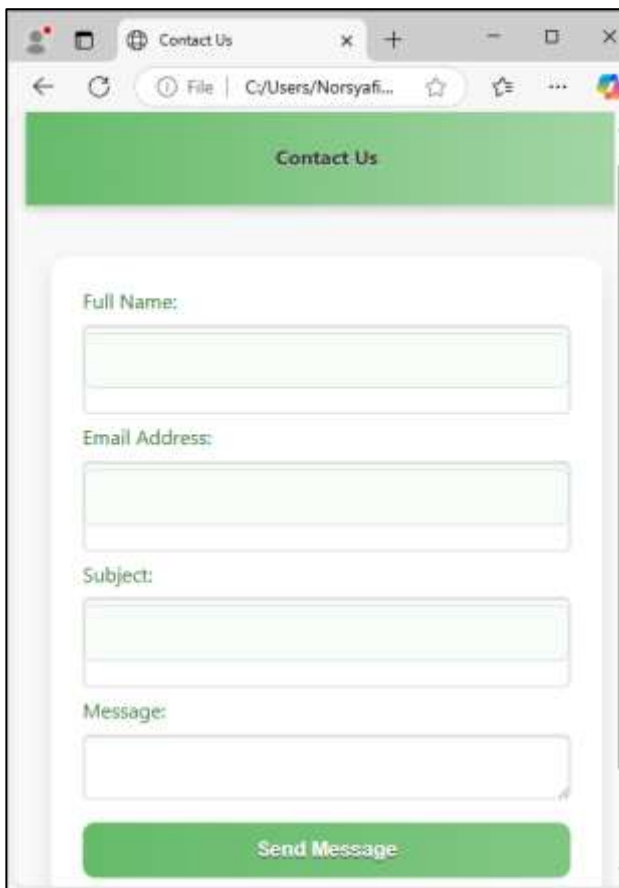
Get Involved



- Partner with us



CONTACT US



Contact Us

Full Name:

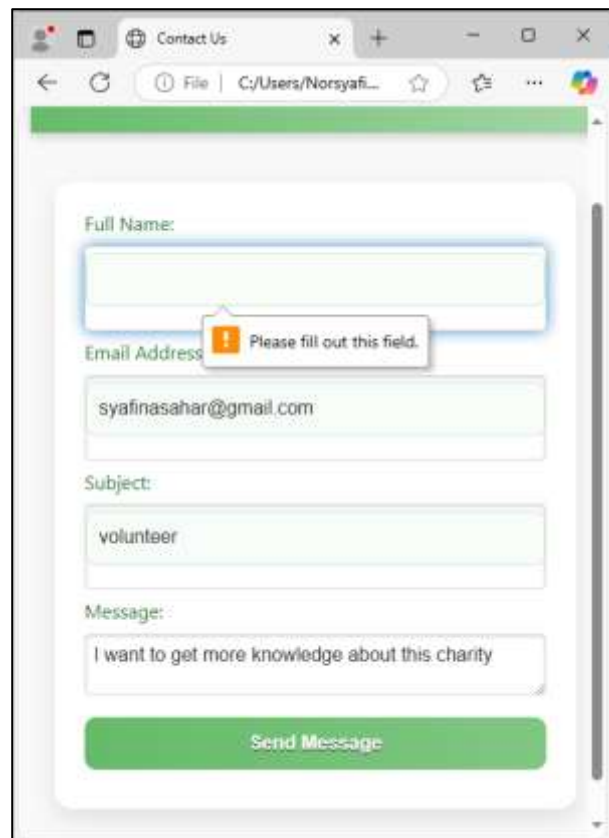
Email Address:

Subject:

Message:

Send Message

Validation for name



Contact Us

Full Name:

Email Address:

Subject:

Message:

Send Message

Validation for email

Full Name:
syafina

Email Address:
syafina

Subject:
volunteer

Message:
I want to get more knowledge about this charity

Send Message

Full Name:
syafina

Email Address:
syafina

Subject:
volunteer

Message:
I want to get more knowledge about this charity

Send Message

Validation for subject

Full Name:
syafina

Email Address:
syafinasahar@gmail.com

Subject:
Please fill out this field.

Message:
I want to get more knowledge about this charity

Send Message

Message box display after send message

This page says
Thank you! Your message has been sent. OK

Full Name:
syafina

Email Address:
syafinasahar@gmail.com

Subject:
volunteer

Message:
I want to get more knowledge about this charity

Send Message

DONATION FORM

A screenshot of a web browser displaying a "Donation Form". The form is titled "Donation Form" in a green header. It contains four input fields: "Full Name:", "Email Address:", "Amount (MYR):", and "Payment Method:". The "Full Name" field is empty. The "Email Address" field is empty. The "Amount (MYR)" field is empty. The "Payment Method" field is a dropdown menu with "--Select--" as the selected option. Below the form is a green "Donate Now" button.

Validation for name

A screenshot of the "Donation Form" page with the "Full Name" field filled with "syafina". The "Email Address" field is filled with "norsyafina@gmail.com". The "Amount (MYR)" field is filled with "20". The "Payment Method" dropdown is set to "Online Banking". A green "Donate Now" button is at the bottom. A validation message "Please fill out this field." is displayed above the "Email Address" field.

Validation for email

A screenshot of the "Donation Form" page with the "Full Name" field filled with "syafina". The "Email Address" field is filled with "norsyafina". The "Amount (MYR)" field is filled with "20". The "Payment Method" dropdown is set to "Online Banking". A green "Donate Now" button is at the bottom. A validation message "Please fill out this field." is displayed above the "Email Address" field.

A screenshot of the "Donation Form" page with the "Full Name" field filled with "syafina". The "Email Address" field is filled with "norsyafina". The "Amount (MYR)" field is filled with "20". The "Payment Method" dropdown is set to "Online Banking". A green "Donate Now" button is at the bottom. A validation message "Please include an '@' in the email address. 'norsyafina' is missing an '@'." is displayed above the "Email Address" field.

Validation for amount

Donation Form

Full Name: syafina

Email Address: norsyafina@gmail.com

Amount (MYR):

Payment Method: **Online Banking**

Donate Now

Please fill out this field.

Message box display limit amount

Donation Form

This page says
Minimum donation is RM20.

OK

Email Address: norsyafina@gmail.com

Amount (MYR): 5

Payment Method: **Online Banking**

Donate Now

Validation for payment method

Donation Form

Full Name: syafina

Email Address: norsyafina@gmail.com

Amount (MYR): 20

Payment Method: **-Select-**

Donate Now

Please select an item in the list.

Message box display after make payment

Donation Form

This page says
Thank you for your donation!

OK

Email Address: norsyafina@gmail.com

Amount (MYR): 20

Payment Method: **Online Banking**

Donate Now

Link for through mobile phone

<https://finasahar.github.io/charity/>

Link for explanation