

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 : **REGISTRATION NO:** 1. NORSYAFINA BINTI **MOHD** 1. 10DDT23F1046 SAHAR 2. 10DDT23F1027 2. NUR IZZAH YASMIN BINTI 3. 10DDT23F1032 **MOHD SOFFIAN** 3. AIMI DALINA BINTI AZMIZAM 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	WE	B 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	1	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%		
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			0	
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				
					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				
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		- 30%	0	
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 - Ove	erall Web Design,	· · · · · · · · · · · · · · · · · · ·	Documentation &	Timely Submiss	ion: (20 r	narks)		
Layout & Navigation	Well-structured and intuitive navigation	Good navigation with minor improvements needed	Basic navigation but not fully user- friendly	Poor navigation structure				
Color Scheme & Typography	Professional and visually appealing design	Good color and typography with minor issues	Basic but acceptable design	Poor contrast or readability issues			0	
User Experience	Highly interactive and engaging	Good interactivity but minor issues	Basic usability but not fully optimized	Poor interactivity and engagement		30%		
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				

TOTAL SCORE (100M) A + B + C					0	
C 0						
Submission Time	Submitted on time	Submitted 1 day late	Submitted 2 days late	More than 2 days late		
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		
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		

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"</pre>
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-</pre>
1.4.5.min.js"></script>
</head>
<body>
<!-- HOME PAGE -->
<div data-role="page" id="home" class="section active">
  <div data-role="header">
    <!-- Marquee scrolling from left to right -->
    <marquee direction="right">Charity & Fundraising UNICEF
    <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>
    <img src="home.jpg" alt="Charity helping people" style="width:100%;">
      <h2>OUR TEAMS BUILDING</h2>
      <img src="fina.jpg" alt="picture" style="width:30%;">
      <h5>NORSYAFINA BINTI MOHD SAHAR</h5>
      <h5>PROGRAM DIRECTOR</h5>
      <img src="aimi.jpg" alt="picture" style="width:30%;">
      <h5>AIMI DALINA BINTI AZMIZAM</h5>
      <h5>DIGITAL MARKETER</h5>
      <img src="min.jpg" alt="picture" style="width:30%;">
      <h5>NUR IZZAH YASMIN BINTI MOHD SOFFIAN</h5>
      <h5>PUBLIC RELATIONS</h5>
```

```
</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">
   Millions of children around the world face devastating losses...
   <img src="wecare.png" alt="Volunteers helping" class="about-img"</pre>
style="width:100%;">
      <a href="#home" class="ui-btn ui-btn-b">Back to Home</a>
 </div>
 <div data-role="footer">
   <h4>&copy; 2025 Charity & Fundraising UNICEF</h4>
 </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>
     <l
       < youth-led campaign encouraging mental health awareness</li>
       Helping young people share stories
       Tips for emotional well-being
     </div>
   <div class="campaign">
     <h3>STRONGER TOGETHER MALAYSIA</h3>
       Promotes healthier lifestyles during COVID-19
       Helping people manage stress
       Providing helpful resources
     </div>
      <a href="#home" class="ui-btn ui-btn-b">Back to Home</a>
 </div>
 <div data-role="footer">
    <h4>&copy; 2025 Charity & Fundraising UNICEF</h4>
 </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">
    You can help by volunteering, donating, or partnering with us:
    <l
      <b>Volunteer your time</b><br><img src="volunteer.png"</li>
alt="Volunteer" style="width:100%;">
      <b>Make a donation</b><br><img src="donation.jpg" alt="Donation"</pre>
style="width:100%;">
      <b>Partner with us</b><br><img src="charity.jpg" alt="Partner"</pre>
style="width:100%;">
        <a href="#home" class="ui-btn ui-btn-b">Back to Home</a>
  </div>
<div data-role="footer">
    <h4>&copy; 2025 Charity & Fundraising UNICEF</h4>
 </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>
  <a href="#home" class="ui-btn ui-btn-b">Back to Home</a>
 <div data-role="footer">
    <h4>&copy; 2025 Charity & Fundraising UNICEF</h4>
  </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>
  <a href="#home" class="ui-btn ui-btn-b">Back to Home</a>
 <div data-role="footer">
    <h4>&copy; 2025 Charity & Fundraising UNICEF</h4>
 </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) {</pre>
      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;
```

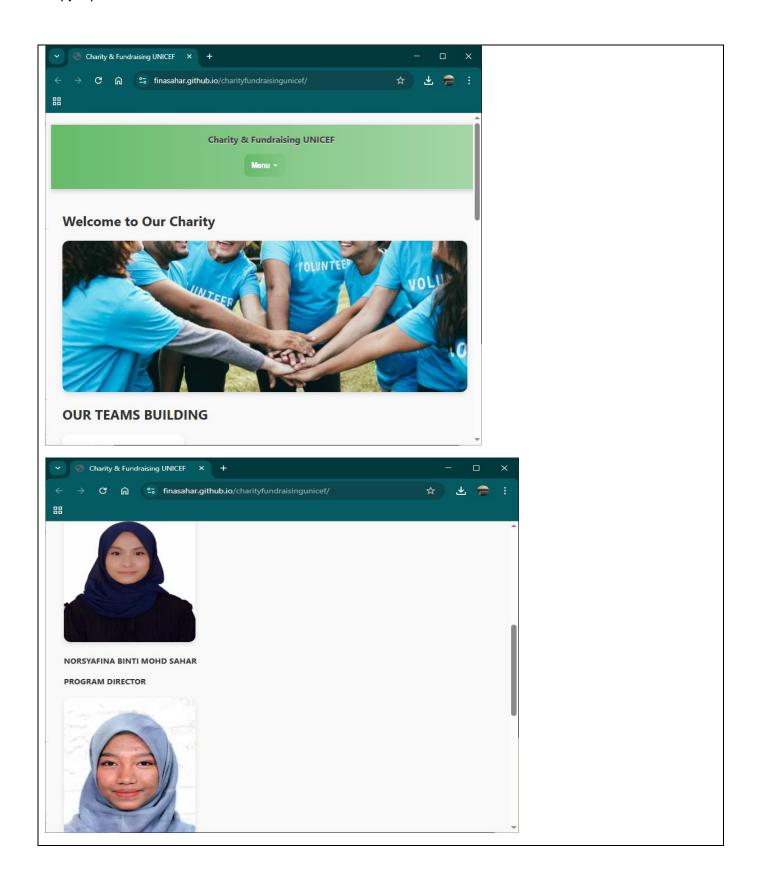
```
display: inline-block;
.dropbtn {
 background-color: #81c784;
 color: white;
 padding: 10px 16px;
 font-size: 16px;
 border: none;
 border-radius: 12px;
  cursor: pointer;
 font-weight: bold;
.dropbtn:hover {
 background-color: #66bb6a;
.dropdown-content {
 display: none;
 position: absolute;
 background-color: #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;
```

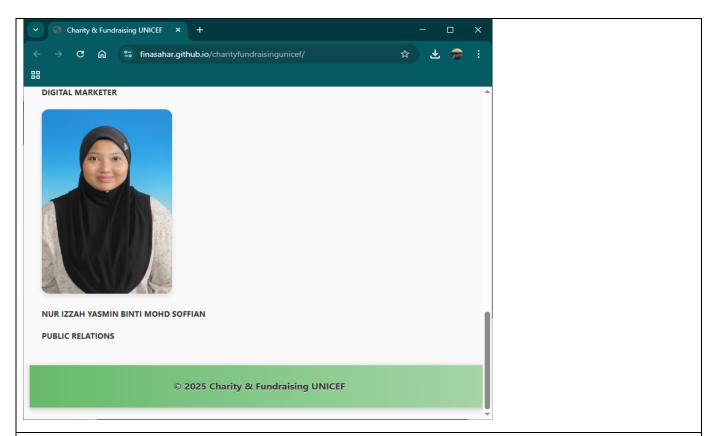
```
form input[type="text"],
form input[type="email"],
form textarea,
form select {
 width: 100%;
 padding: 10px;
 margin-top: 5px;
 margin-bottom: 20px;
 border: 1px solid #c8e6c9;
 border-radius: 8px;
  background-color: #f9fdf9;
  box-sizing: border-box;
}
/* Buttons */
.ui-btn, .ui-btn-b {
 background: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

}

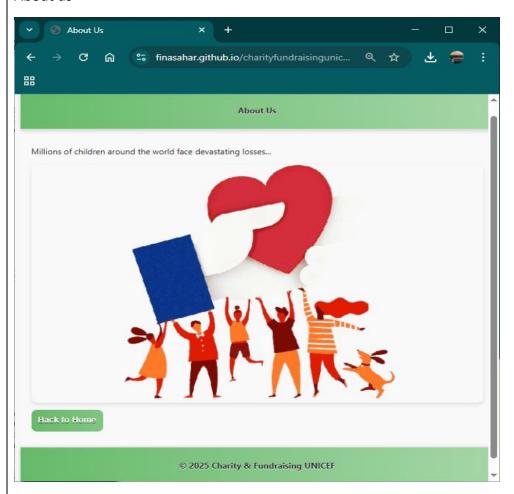
SCREENSHOT OF OUTPUT (DESKTOP INTERFACE)

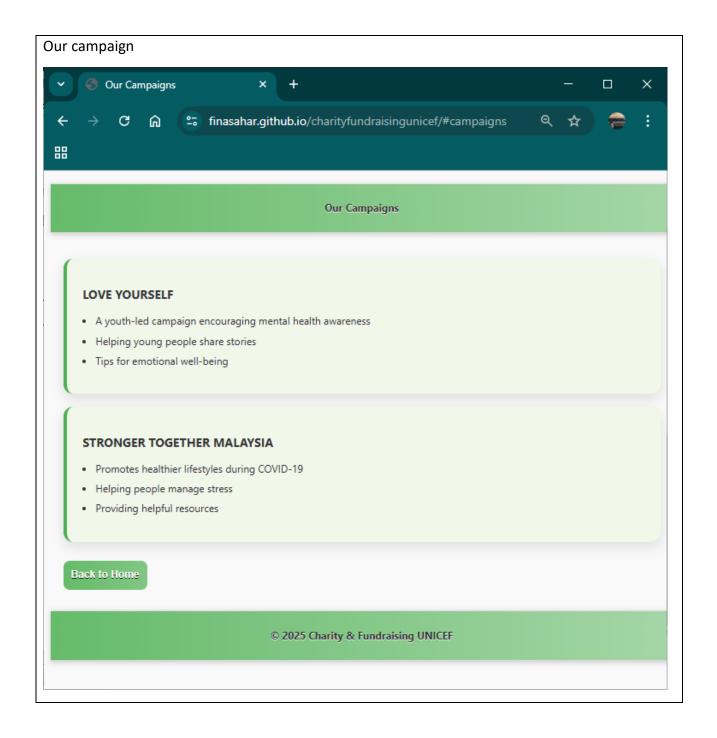
Copy & paste the screenshot with the file name.

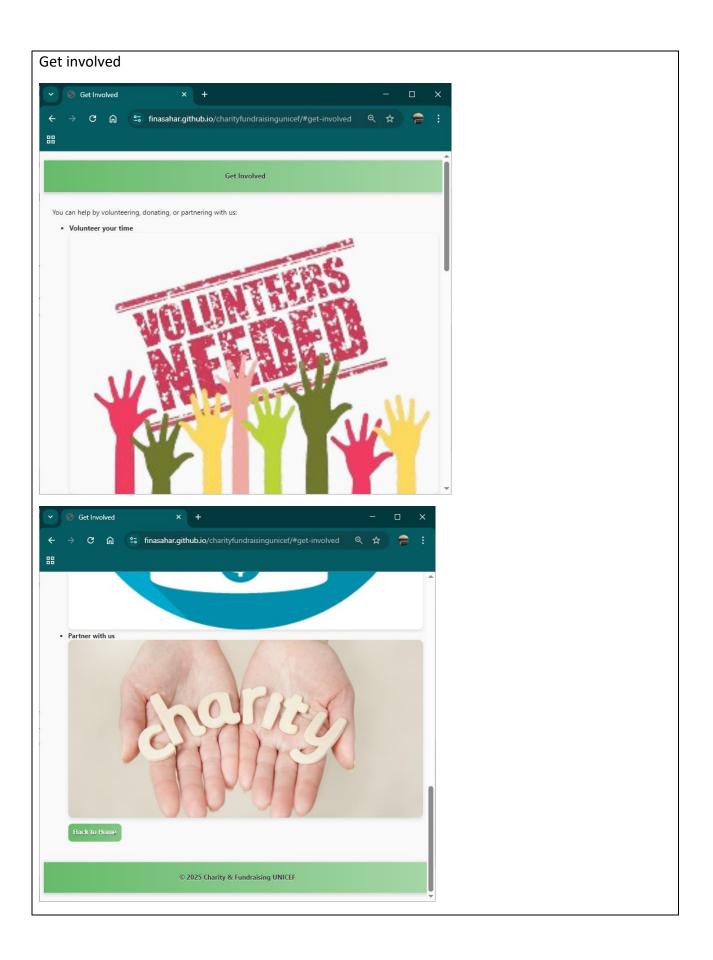


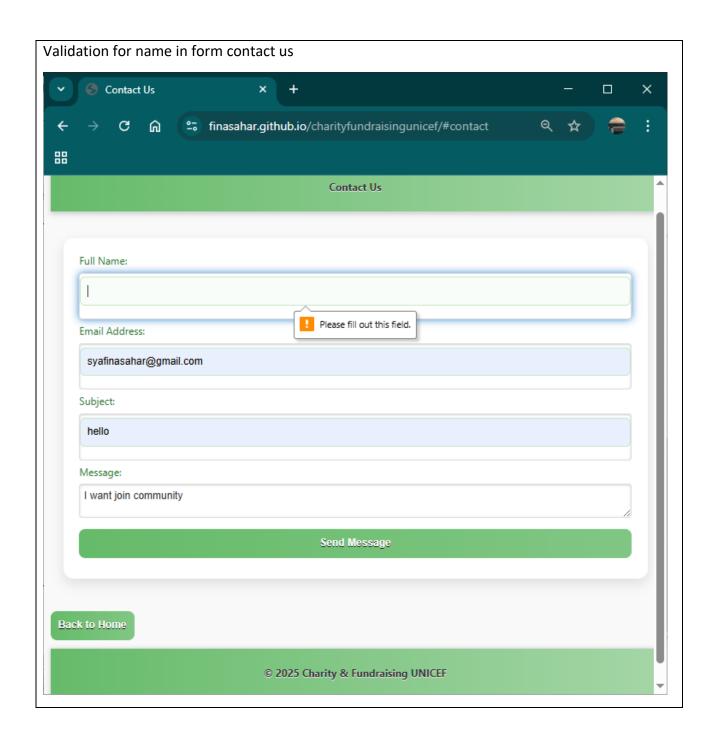


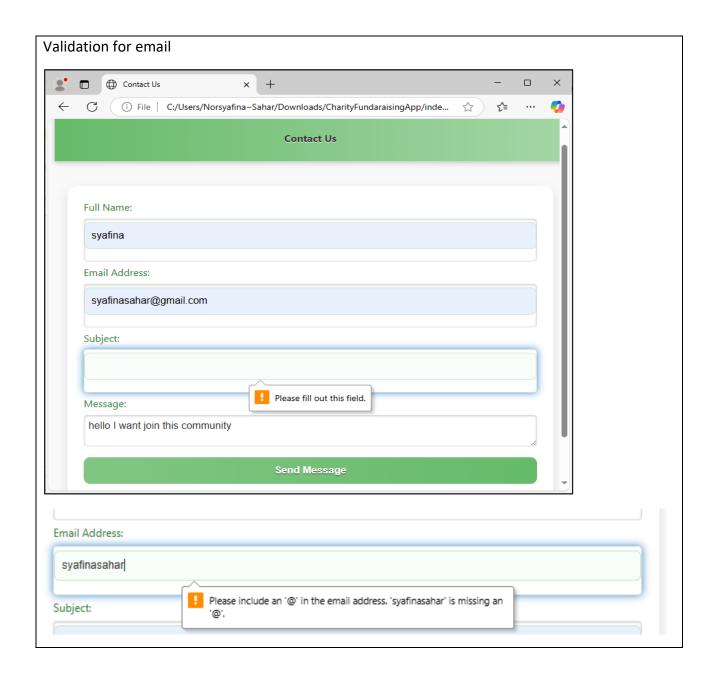
About us

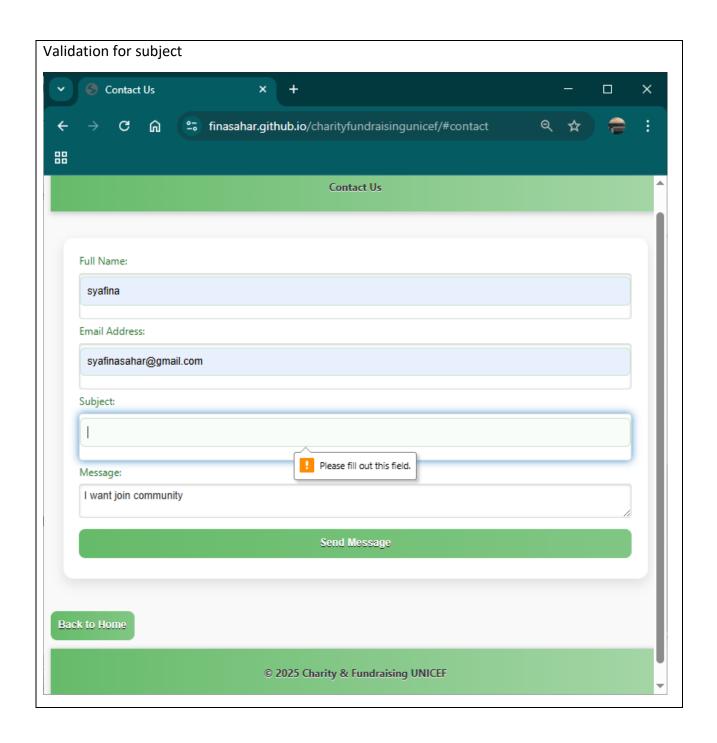


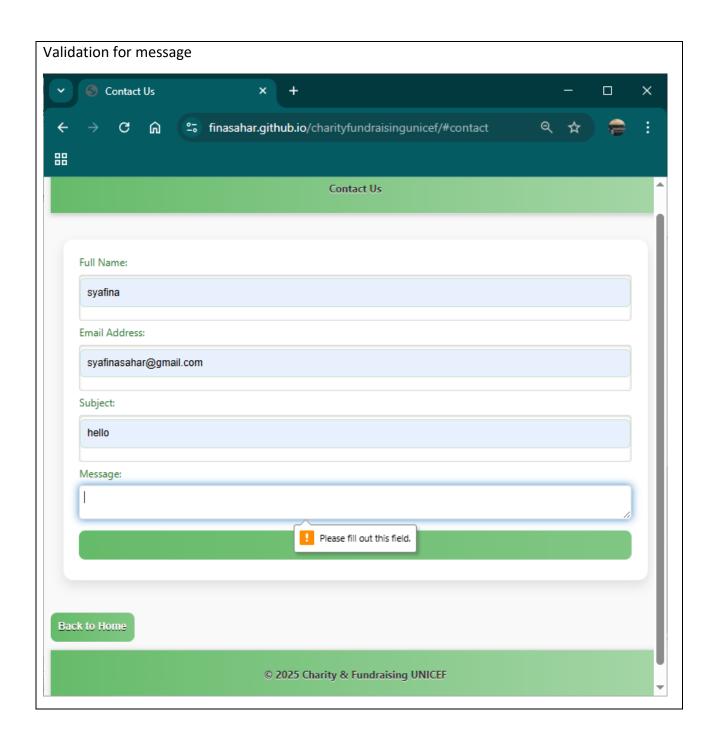


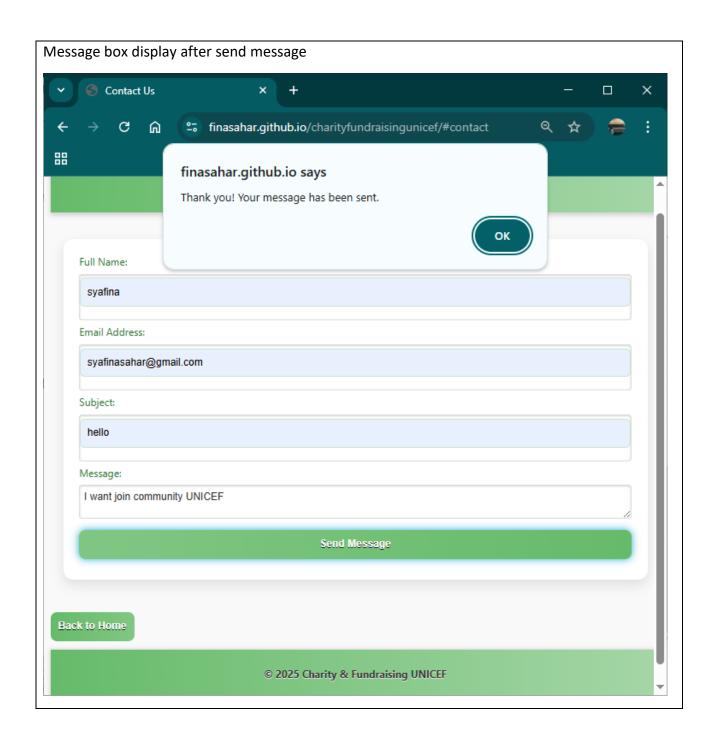


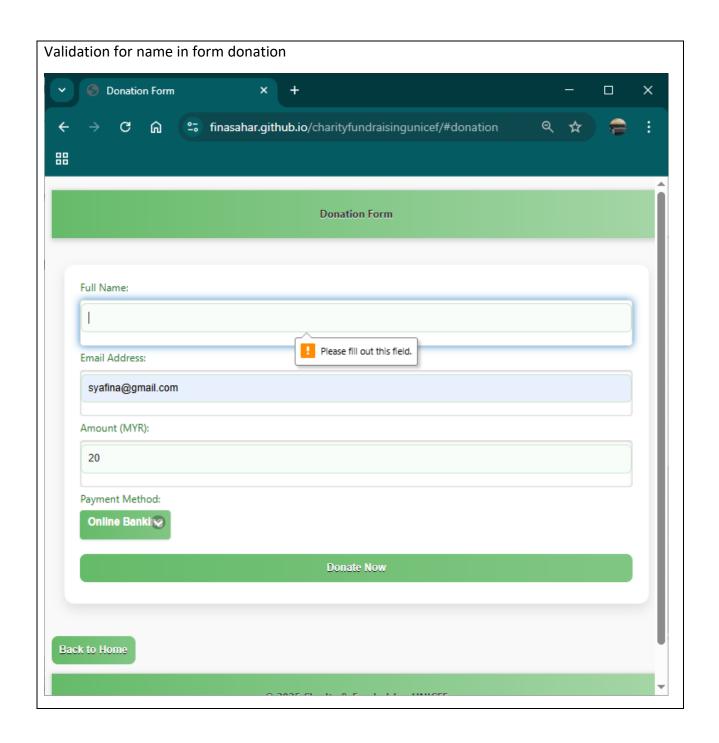


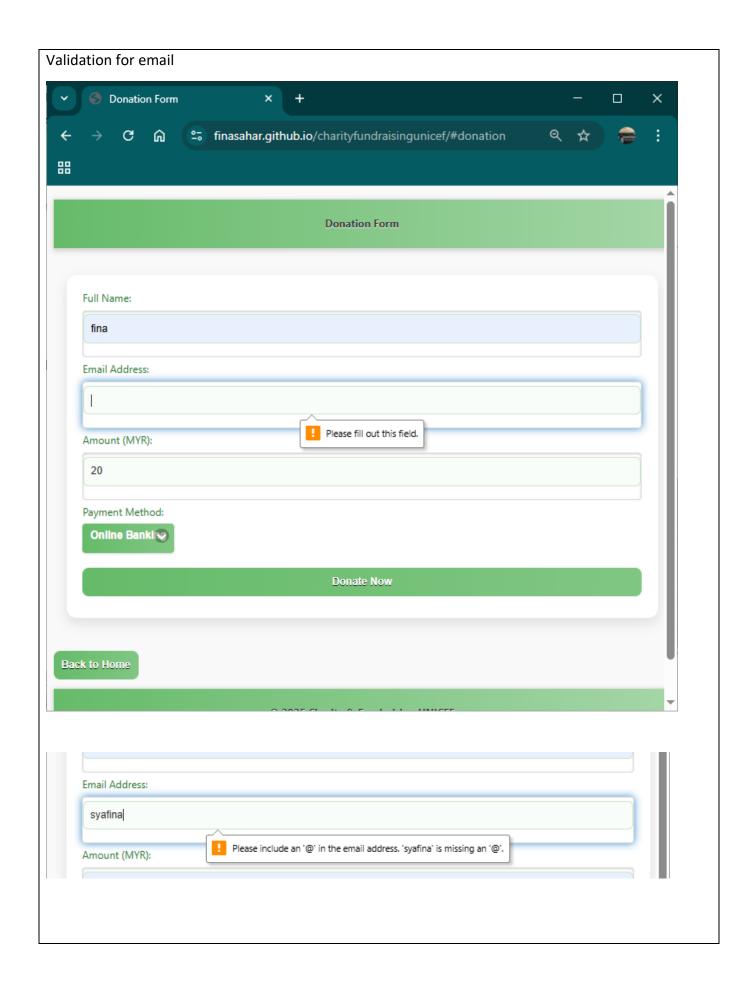


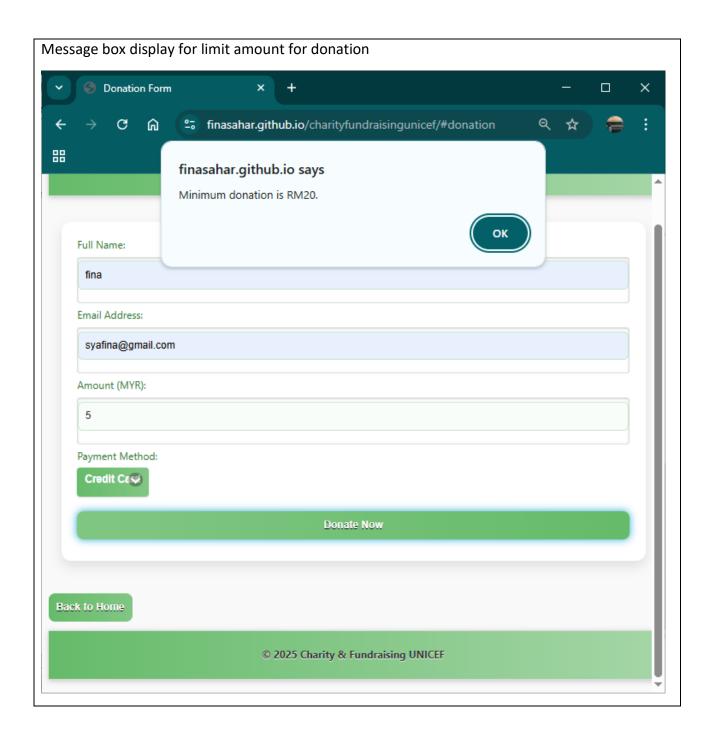


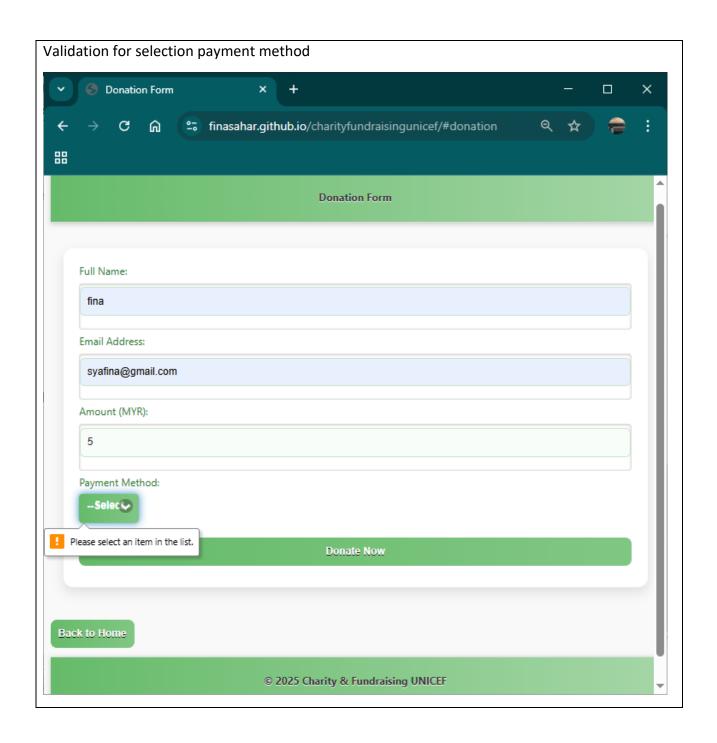


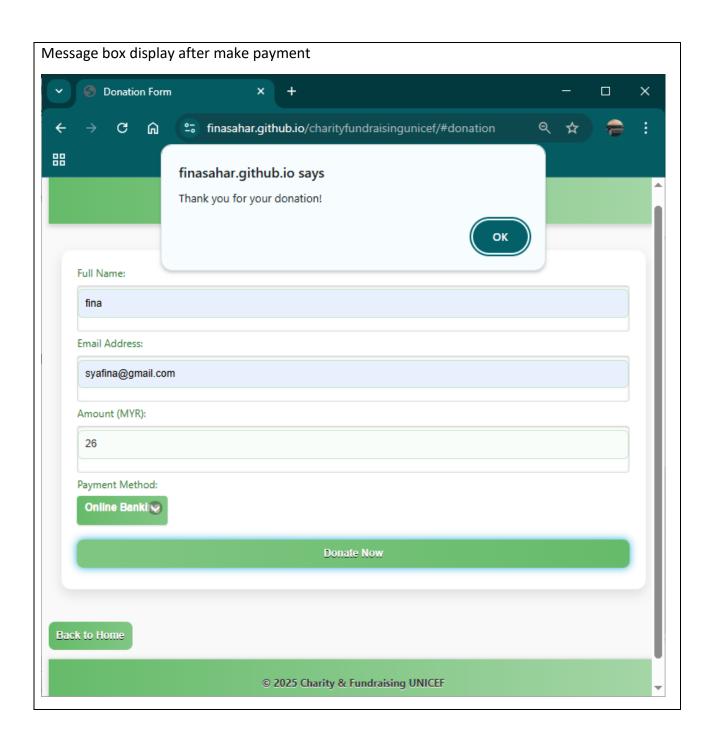






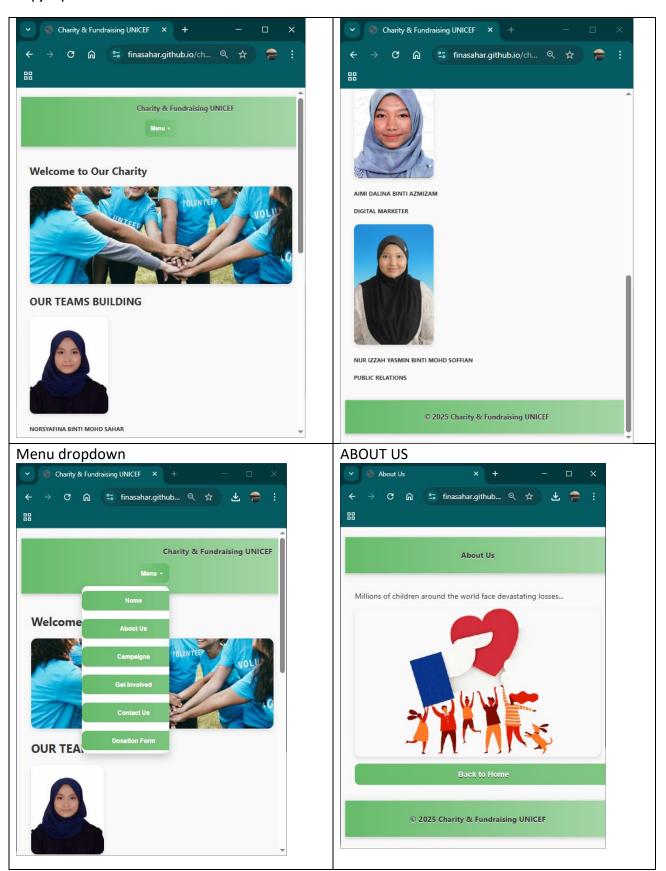




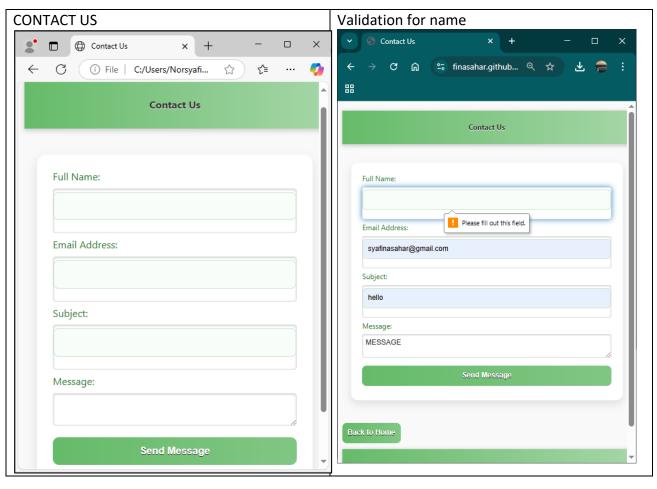


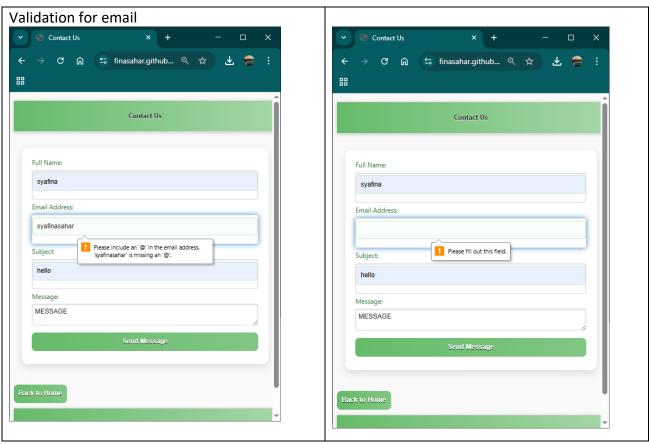
SCREENSHOT OF OUTPUT (MOBILE INTERFACE)

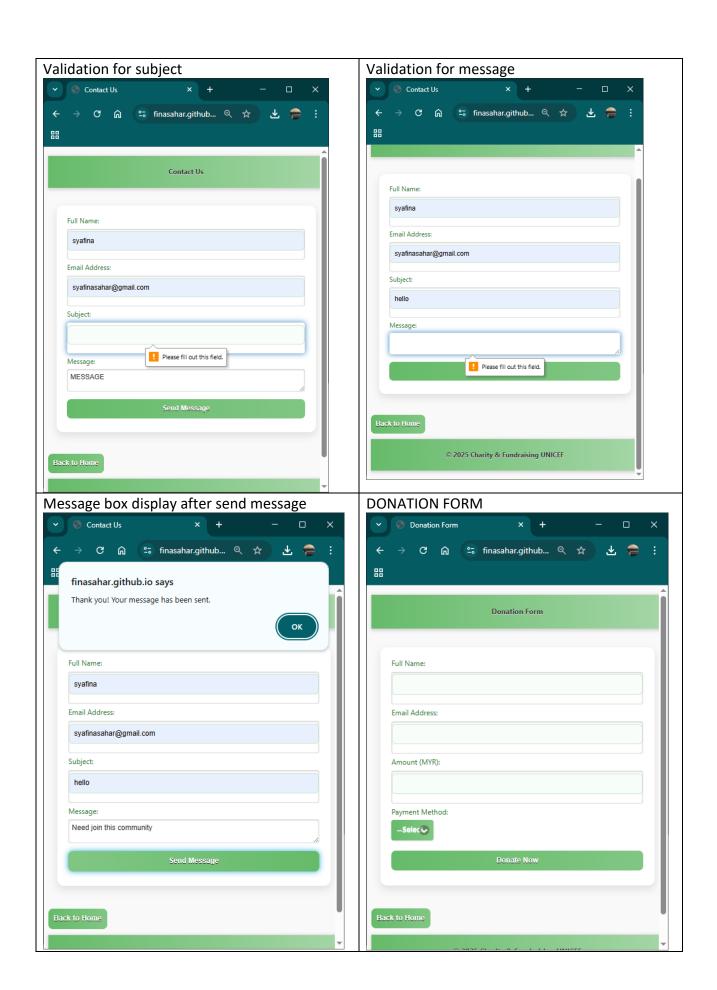
Copy & paste the screenshot with the file name.

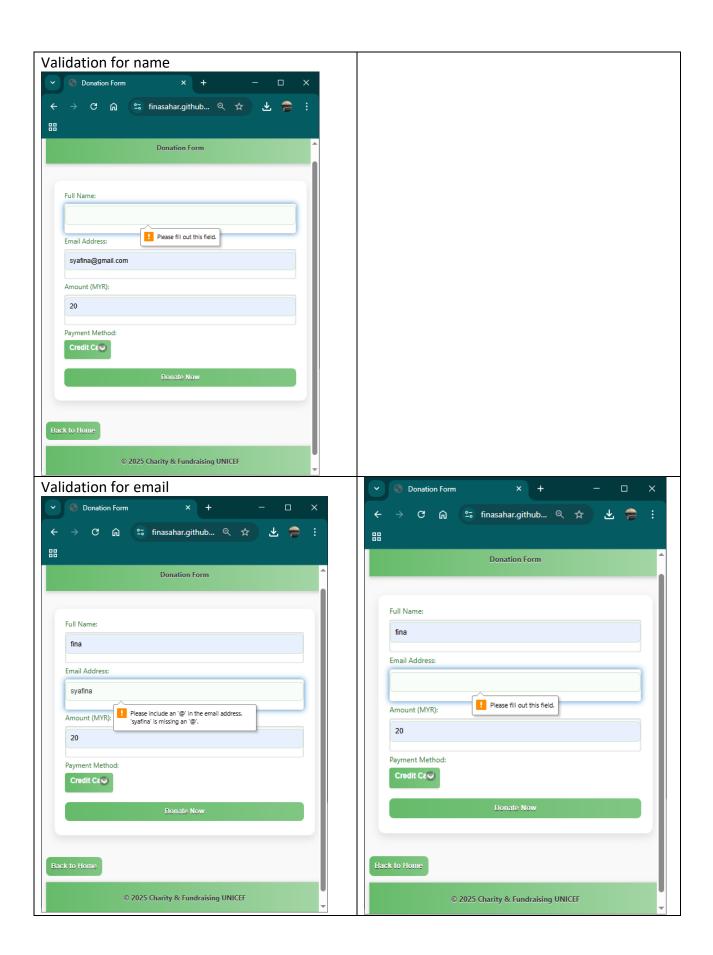


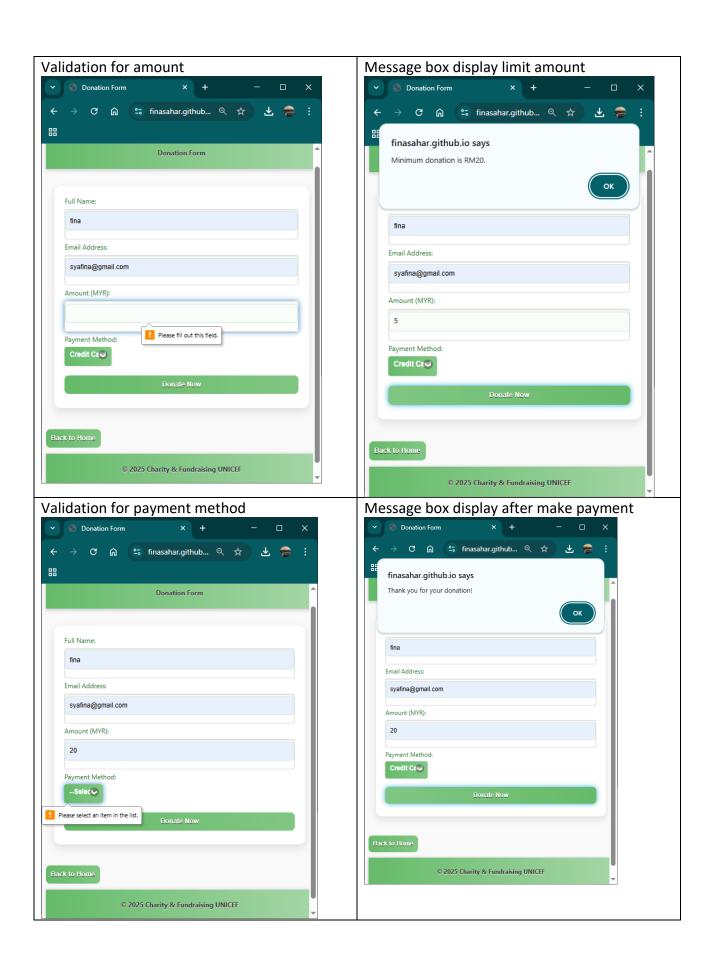












Link for through mobile phone

https://finasahar.github.io/charityfundraisingunicef/

Link for explanation