Challenge #4: Implementation of Favicon

Introduction:

This documentation outlines the process of applying a favicon to the Barangay Malongon website. A favicon is a small, iconic image that represents the website and is displayed in the browser tab.

Steps to Apply Favicon:

1. Create Favicon Image:

Design a square image (recommended size: 16x16 pixels or 32x32 pixels) that represents the identity or logo of Barangay Malongon. Save the image in a common format like .png, .jpg, or .ico.

2. Generate Favicon.ico File:

Convert the designed image into the favicon.ico format. There are online tools available that can assist in this conversion. Alternatively, graphic design software like Photoshop or GIMP can be used to save the image in .ico format.

3. Place Favicon.ico in the Project Directory:

Once the favicon.ico file is generated, place it in the root directory of your project. This is where the main HTML file (e.g., index.html) is located.

4. Link Favicon in HTML:

- Open the HTML file (index.html) in a text editor.
- Add the following line within the <head> section:

```html
<link rel="icon" type="image/x-icon" href="favicon.ico">
```

- Ensure that the href attribute points to the correct location of your favicon.ico file.

5. Verify Favicon Display:

- Save the changes to the HTML file.
- Open the website in a browser.
- Check the browser tab to confirm that the favicon is displayed.

Example HTML Code:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="icon" type="image/x-icon" href="favicon.ico">
    <!-- Other head elements like title, stylesheets, scripts, etc. -->
    <title>Barangay Malongon</title>
</head>
<body>
    <!-- Website content goes here -->
</body>
</html>
```

Conclusion:

The application of a favicon enhances the visual identity of the Barangay Malongon website. Users can easily identify and distinguish the website when multiple tabs are open in a browser. Ensure that the favicon.ico file is appropriately designed and reflects the essence of Barangay Malongon.