Project Documentation

1. Introduction

This document provides a detailed overview of the "Naan Mudalvan" project, including its purpose, setup, features, and deployment process. The project is a web application designed to enhance user experience and interaction with restaurant services.

2. Project Setup

To set up the project, follow these steps:

Prerequisites

- A code editor (e.g., Visual Studio Code)
- A web browser (e.g., Google Chrome, Firefox)

Installation Steps

1. Open the terminal and navigate to the project directory:
   cd C:\Users\ELCOT\Desktop\Naan mudalvan(project)
2. Extract project files into the directory.
3. Open the project in your preferred code editor.
4. Configure any necessary dependencies.

3. Folder Structure

project/
--- assets/
--- public/
-   --- index.html
-   --- favicon.ico
-   --- manifest.json
--- src/
-   --- components/
-   --- pages/
-   --- styles/
--- README.md

4. Technologies Used

- HTML - Markup language for structuring web pages
- CSS - Styling language for designing the website
- JavaScript - Programming language for interactive features
- Bootstrap - Framework for responsive design

5. Features

- User-friendly restaurant menu display
- Online reservations
- User reviews and ratings
- Responsive design for mobile and desktop

6. Development Process

- Define project scope and requirements
- Design the website layout
- Implement core features using HTML, CSS, and JavaScript
- Style using Bootstrap
- Test and debug
- Deploy the application

7. Deployment

The project can be deployed on a web hosting service:
1. Choose a hosting provider (e.g., GitHub Pages, Netlify, Vercel)
2. Upload the project files
3. Configure domain settings if needed
4. Publish the website

8. Testing

- Manual Testing: Check all pages for functionality and responsiveness
- Cross-browser Testing: Ensure compatibility across different web browsers

9. Troubleshooting

Website not displaying correctly?
- Check the file paths in your HTML and CSS
- Ensure all linked assets are available
- Clear browser cache and reload the page

10. Conclusion & Future Improvements

The "Naan Mudalvan" project is a scalable and user-friendly restaurant website. Future enhancements may include AI-driven recommendations, payment gateway integration, and advanced analytics.