

Digital Portfolio

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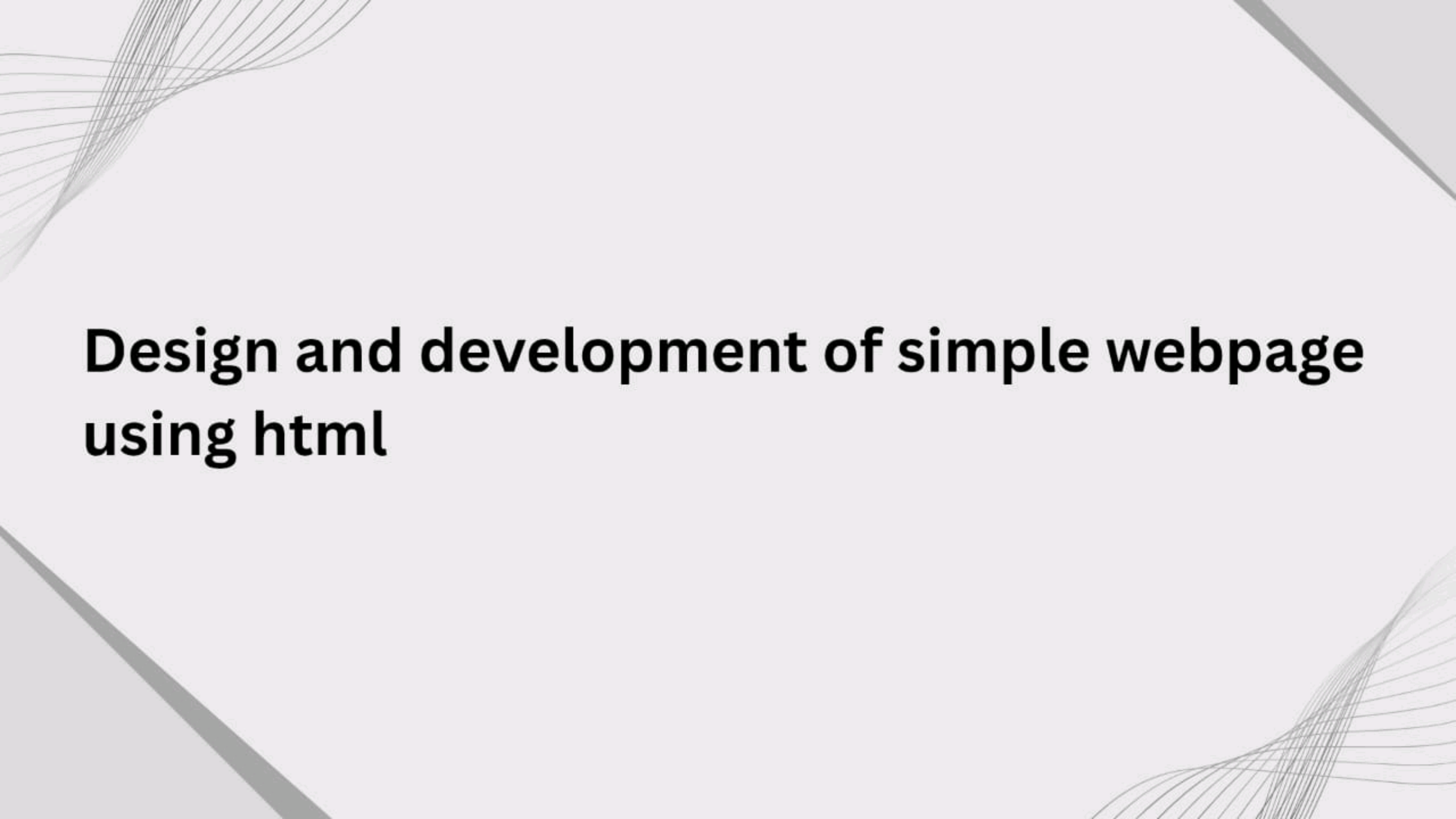
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Design and development of simple webpage using html

AGENDA

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Problem Statement

In the digital era, having a well-structured and visually appealing webpage is essential for presenting information and collecting user input effectively. Beginners in web development often need a simple project to understand how HTML and CSS work together to build such webpages.

Project overview

1. Sample Data Table:

Displays sample information such as Name, Gender, and Age in a tabular format.

Styled with borders, padding, and proper alignment for readability.

2. Contact Form:

- Allows users to enter their Name, Father's Name, Email, and a message.
- Includes labeled input fields and a submit button.
- Form elements are styled for clarity and ease of use.

End users

- **1. General Website Visitors:**
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 - - People who view the table data or want to contact the site owner using the form.
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- **2. Students and Beginners in Web Development:**
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 - - Learners using this project to understand the basics of HTML and CSS.
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- **3. Teachers and Evaluators:**
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 - - Reviewing the webpage for academic assessment or grading.
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- **4. Clients (in a prototype/demo context):**
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 - - Viewing a simple layout example for future website development or feedback.

Tools and technologies

1. Code Editor:

- Visual Studio Code, Notepad++, or Sublime Text

Used to write and edit HTML and CSS code.

2. Web Browser:

- Google Chrome, Mozilla Firefox, Microsoft Edge, etc.

Used to run and test the webpage.

3. Live Server Extension (Optional):

- Helps in real-time preview during development when using editors like VS Code.

Portfolio design and layout

Page Structure:

Header Section:

- Includes a `<h1>` element welcoming users to the site.

Data Table Section:

- Titled "Sample Table" using `<h2>`.
- A simple table displaying Name, Gender, and Age using `<table>`, `<tr>`, `<th>`, and `<td>` tags.

Contact Form Section:

Titled "Contact Us" using `<h2>`.

- Includes labeled fields for Name, Father's Name, Email, and Message.
- Uses a styled submit button for user interaction.

Features and functionality

1. Webpage Heading:

Displays a main heading using `<h1>` to welcome users to the site.

92. Sample Data Table:

Presents sample data with columns for Name, Gender, and Age.

Uses HTML table tags (`<table>`, `<tr>`, `<th>`, `<td>`) for structured layout.

Styled with CSS to include:

Borders

Padding

- Aligned text

Set table width for neat presentation

3. Contact Form:

Allows users to input:

Name

- Father's Name

- Email

- Message

Includes a Submit Button for form submission.

Form inputs are styled for usability with:

Results and screenshots

The execution of the HTML and CSS code produces a simple, well-structured webpage that successfully meets its intended purpose

Conclusion

This project successfully demonstrates the creation of a basic yet functional webpage using HTML and CSS. It includes key components such as a structured data table and a contact form, both styled for clarity and ease of use.

Through this coding exercise, the fundamental concepts of webpage structure, form design, and internal CSS styling have been applied effectively. The project is suitable for beginners to understand how static web pages are built and styled without using advanced technologies.

Github link

kpera-pixel/Perarasi-TNSDC-FWD-DP

Thank you !