SANJAY GHODAWAT INSTITUTE

SANJAY GHODAWAT INSTITUTE ATIGRE

First Semester

(Year 2025)

Micro Project

Web Page Designing (312004)

Title of this Project- Create a simple website for an image gallery

Program: Computer Science and Engineering (CW2K)

Members of the Group

1. Suyash Sunil Shalbidre   **Roll No.-** 723
2. Raj Chandrakant Dewarde   **Roll No.-** 728
3. Piyush Sachin Lohar   **Roll No.-** 735
4. Aditya amol kamble   **Roll No.-** 742

Maharashtra State Board of Technical Education, Mumbai

CERTIFICATE

This is to certify that,Mr. **Suyash Sunil Shalbidre** Roll No. **723** of second Semester of Diploma in Computer Science and Engineering of Sanjay Ghodawat Institute has completed the Micro Project satisfactorily in course Web Page Designing (312004) for the academic year 2024-25 as prescribed in the curriculum.

Place:-Atigre   **Enrollment No.24213440483**

Date:-02/04/2025   **Exam Seat No.**

Course Coordinator   **HOD**   **Principal**

MAHARASHTRA STATE BOARD OF TECHNICAL EDUCATION, MUMBAI

MICRO PROJECT

Progress Report / Weekly Report

Name of the Project:- Create a simple website for an image gallery

Course: WPD (312004)   **Program:** Computer Science and Engineering (CW2K)

Roll No.: 723,728,735,742

Week No	Date	Duration in Hrs.	Work / Activity Performed	Sign of the faculty
1.	16/03/2025	1 hrs	Create home page	
2.	17/03/2025	2 hrs	Create about page	
3.	18/03/2025	$2^{1/2}$ hrs	Creating courses page	
4.	20/03/2025	2 hrs	Writing reason for website	
5.	21/03/2025	1 hrs	Adding images	
6.	22/03/2025	1 hrs	Done with website	
7.	24/03/2025	1 hrs	Done with report of microproject	

Teacher Evaluation Sheet for Micro Project

Course Title and Code: - Web Page Designing (312004)

Title of the Project: - Create a simple website for an image gallery

Group No:- 08

CO 1:	Use HTML formatting tags present content on web pages
CO 2:	Develop web page using list and hyperlinks
CO 3:	Develop web page using images, colour and background
CO 4:	Design HTML forms using tables and frames
CO 5:	Apply presentations schemes on content using CSS

COs addressed by the Micro Project:

Marks: -

Roll No.	Name of Student	Marks for Group Work (06)	Marks obtained by the individual based on viva (04)	Total Marks
723	Suyash Shalbidre			
728	Raj Dewarde			
735	Piyush Lohar			
742	Aditya Kamble			

Name and designation of faculty Member: Mrs P.K.Patil

Signature:

Acknowledgement

I would like to express my special thanks of gratitude to my **Mrs P.K.Patil** teacher and HOD **P.M.Patil** for providing guidance and support throughout the process of completing this project and helped me in doing a lot of research and I came to know about so many new things. I am also thankful to my principal **Dr. V.V. Giri** for allowing me the opportunity to explore and work on this project in the college environment.

Secondly, I would like to thank my parents and classmates who helped me a lot in finalizing this project within the limited time frame.

SANJAY GHODAWAT INSTITUTE
Approved by A.I.C.T.E. New Delhi, and Recognized by DTE Mumbai, Govt. of Maharashtra

TABLE OF CONTENTS :-

INTRODUCTION OF PROJECT:

The Image Gallery Website is a simple and responsive web application designed to display a collection of images in an aesthetically pleasing and organized manner. The primary objective of this project is to create a user-friendly interface that allows users to view, browse, and interact with images in a gallery format.

❖ **Flower**

❖ **Hitman**

❖ **Dharmaveer sambhaji maharaj**

This project can serve as a foundation for more complex image gallery applications, with the potential for adding features like filtering, categorizing, or integrating with a backend to store and retrieve images dynamically.

1. Responsive Design: The gallery will adjust its layout based on the screen size, ensuring a seamless experience across devices.

2. Image Grid: Images will be displayed in a grid layout, making it easy for users to view a collection of images at once.

3. Lightbox Feature: When users click on an image, a larger version of the image will appear in a pop-up (lightbox), providing a closer look.

4. Simple Navigation: Clear and easy navigation to help users find and browse images quickly.

OBJECTIVES:

The Image Gallery Website project aims to create a visually appealing and user-friendly platform for displaying a collection of images. The main objectives of this project are:

1. Create a Responsive Image Gallery:

Design and develop a gallery that can automatically adjust its layout and design based on the screen size, providing an optimal viewing experience across devices (desktops, tablets, and smartphones).

2. Display Images in an Organized Grid Layout:

Implement an image grid that displays images neatly, allowing users to scroll through them easily. The grid should be dynamic, ensuring that the number of columns adjusts based on the screen size.

3. Allow Users to View Images in Full-Screen Mode:

Enable a feature where users can click on an image to view it in full-screen mode (lightbox effect), allowing for a better viewing experience and detailed inspection of each image.

4. Ensure Fast Page Load and Smooth Performance:

Optimize image loading to ensure that the website loads quickly, even when the gallery contains a large number of images. Techniques like lazy loading or image compression will be employed.

METHODOLOGY:

HTML Tags used in our microproject-

1. <html> Defines the root of an HTML document.

2. <head> - Contains metadata, links to stylesheets, and other head elements.

3. <title> - Specifies the title of the webpage (displayed in the browser tab).

4. <body> - Contains the main content of the webpage.

5. <style> - The style tag is used to define internal CSS for a web page.
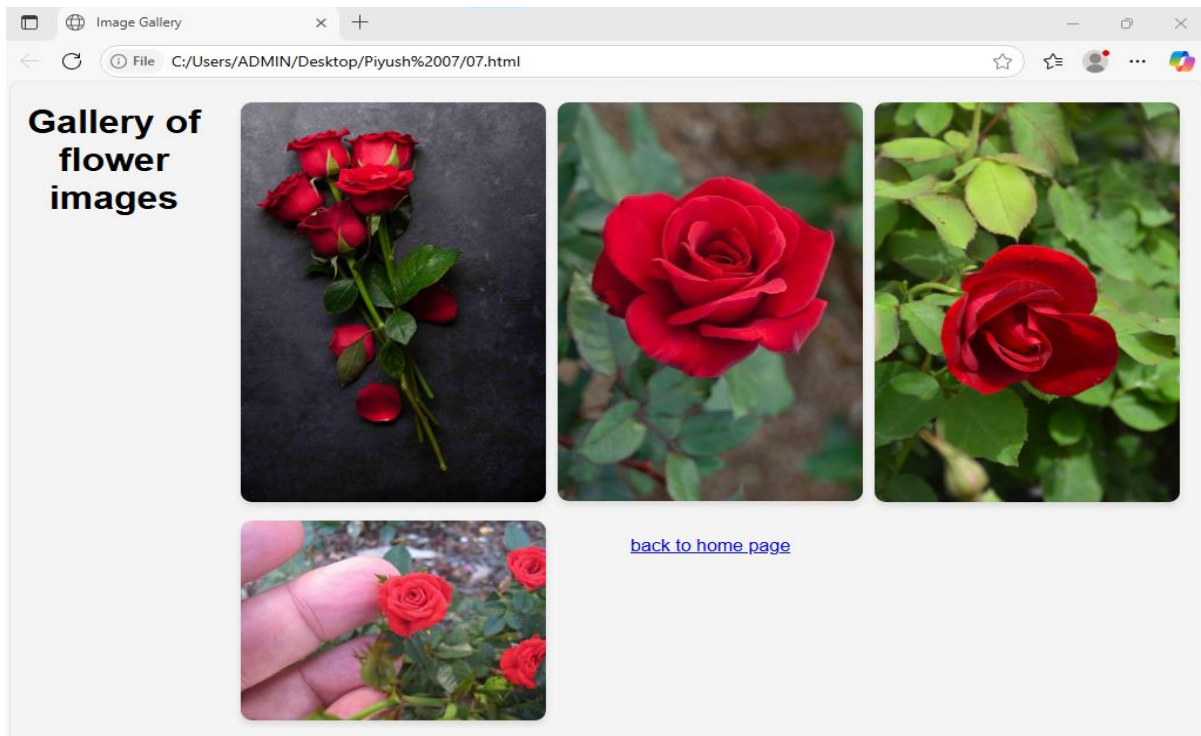
Text Formatting Tags-
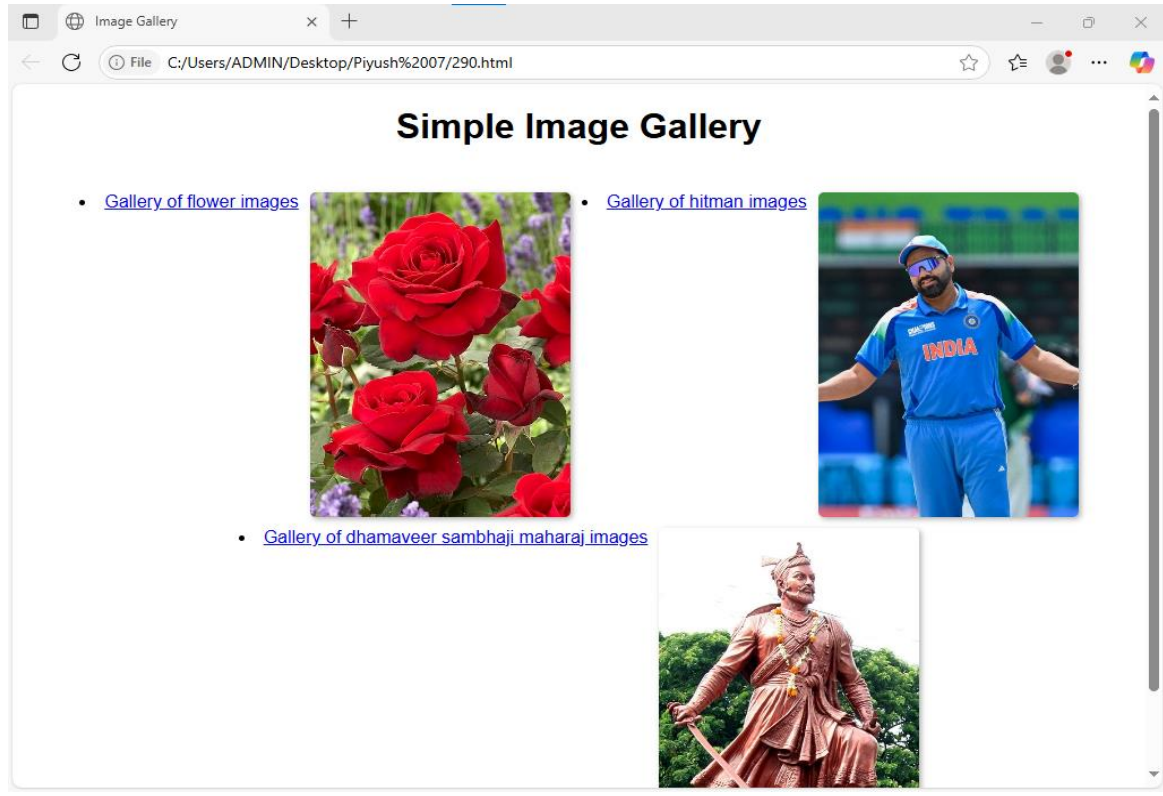
1. <h1> to <h6> - Defines headings (h1 is the largest, h6 is the smallest).

2. <p> Defines a paragraph.

3. <b>- Makes text bold.

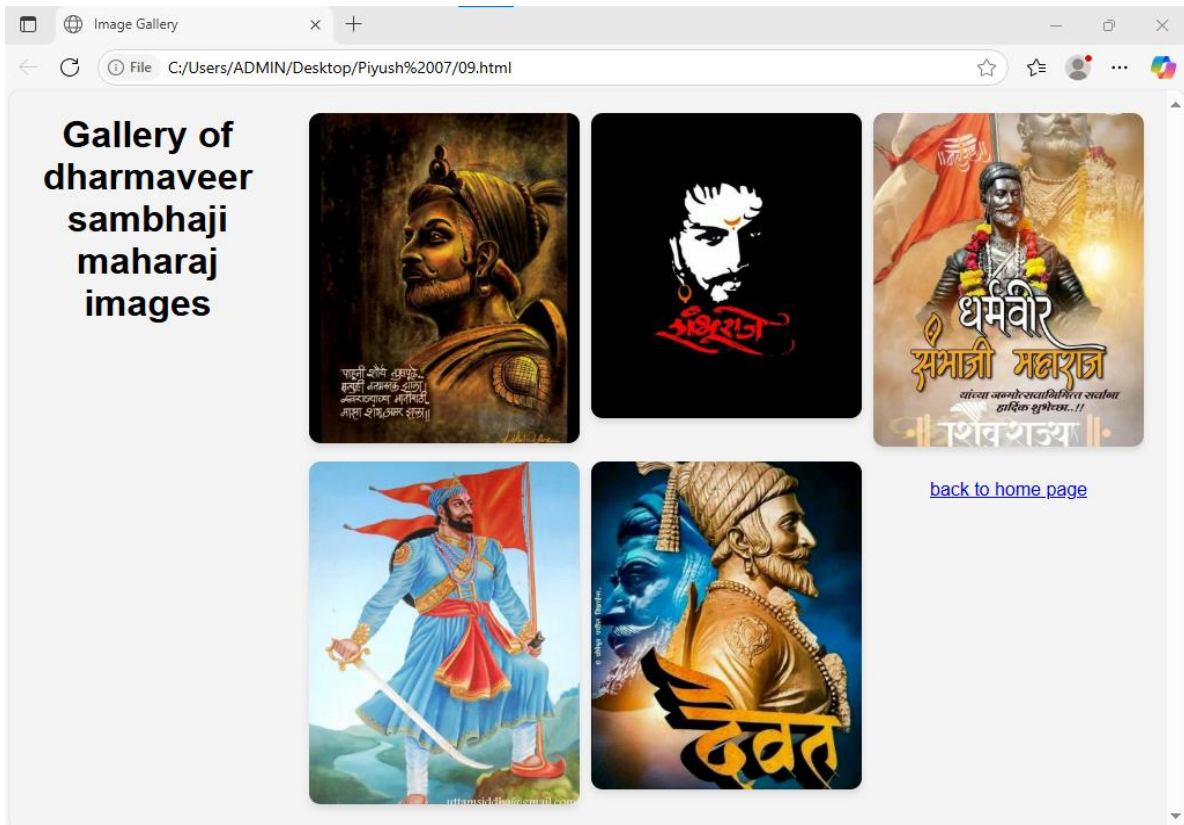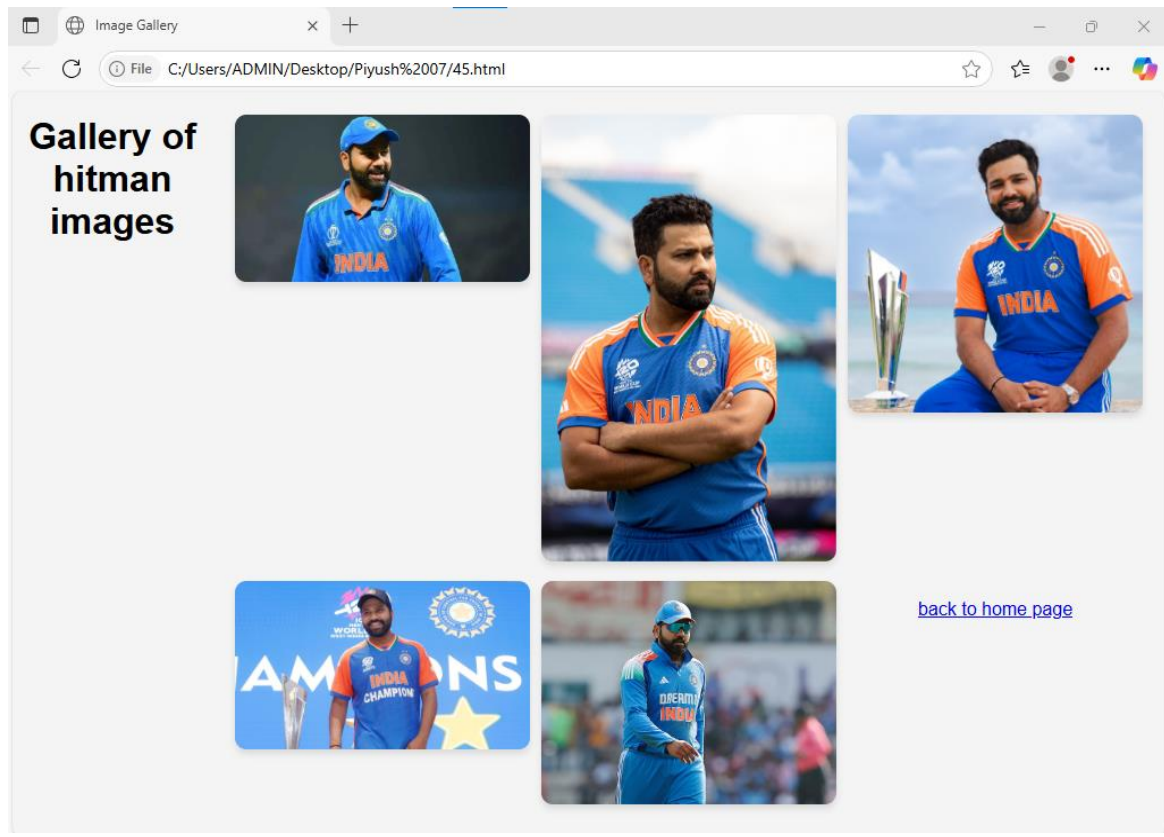4. <i>- Makes text italic.

5. <u> Underlines text.

Lists:

1. - Defines an unordered (bulleted) list.

2. - Defines an ordered (numbered) list.

3. Defines a list item inside <ul> or <ol>.

CONCLUSION:

The Image Gallery Website project successfully demonstrates the creation of a simple, yet effective, image gallery that is responsive, interactive, and user-friendly. By following a clear development methodology, the project was able to meet its objectives, including displaying images in an organized grid, offering a lightbox feature for full-screen viewing, and ensuring the gallery is accessible across different devices and screen sizes.

In conclusion, this project serves as a solid foundation for an image gallery website, with room for further enhancement. Future improvements could include adding categories or filters, integrating backend systems for dynamic image handling, or implementing advanced features like user accounts and image uploads.

<u>References:</u>

In the development of the Image Gallery Website, several resources, libraries, and tools were referenced to ensure the project meets modern standards of design, performance, and functionality. Below is a list of references used during the project:

Websites:

https://www.unsplash.com/Flower

https://www.pixels.com/Hitman

https://www.picjumbo.com/Dharmaveer