INCREDIBLE BRIGDES

Center Name	FPT – Aptech – HCM2 Address: 590 Cach Mang Thang Tam, District 3, Ho Chi Minh City
Instructor	Ms. Le Mong Thuy
Class	T1.2205.M0
Group	4

Group members	**Name**	**Student ID**
	Ho Dang Viet Tien	Student1384669
	Lam Vinh Hao	Student1381859
	Nguyen Phu Hao	Student1381857

Duration	Start date	19th August 2022
	End date	19th September 2022

This is to certify that

  Mr.:

Ho Dang Viet Tien

Lam Vinh Hao

Nguyen Phu Hao

has successfully designed & developed

eProject: Incredible Brigdes website

Submitted by:

Ho Dang Viet Tien

Date of issue:

19th September 2022

Authorized Signature:

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ACKNOWLEGMENT

This project consumed huge amount of work and dedication. Still, implementation would not have been possible if we did not have a support of many individuals. Therefore we would like to extend our sincere gratitude to all of them.

First of all we are thankful to Ms Le Mong Thuy for providing necessary guidance concerning projects implementation as well as her provision of expertise. Without her superior knowledge and experience, the Project could not have been successful. We also would like to express our sincere thanks towards the members of the team who devoted their time and knowledge in the implementation of this project.

Finally, we express our gratitude toward our families and colleagues for their kind co-operation and encouragement which help us in completion of this project.

SYNOSIS

Incredible Bridges is a website which provides information about various famous bridges around the world.

Incredible Bridges offers users the opportunity to learn more about World Bridges. All of the information is well organized and put into categories so it is very easy to search for and not time-consuming.

Incredible Bridges also allows its users to share their ideas with other people who have the same interest or even with the admin. Moreover, usefull information about buses and fights to reach the places is provided as well.

PROBLEM STATEMENT

The Web site is to be created based on the following requirements.

1) The Top of the Page should be presented with a suitable logo and various images of famous bridges.
2) Site should have sections as Historical Great Bridges, High-Level Achievements in Bridges, Iconic Bridges, and Modern Great Bridges etc.
   - Various bridges should be listed in these sections accordingly
3) Sections like Longest, Tallest, Highest, Oldest etc. to be added to the website.
4) History and information of the bridges should be added along with the images.
5) The site must contain the filter based on Continents to look for various bridges in the continent
6) Gallery can be added for viewing different images.
7) Feedback must be allowed to enter by the viewer.
8) Site map, Gallery, About us, FAQ link, Contact us link must be added.
9) About Us and Contact Us: This menu option should display Email id, address, and contact number of the organization who is developing the system.
10) The advertise section of bus, flights can be included for reaching the places.

CUSTOMER'S REQUIREMENTS SPECIFICATIONS (CRS)

Website: Incredible Bridges

Business/Project Objective:

- Provide users interesting information about famous bridges around the world.

- Enable users to search for their favorite one through its name

- Help users to identify brigdes location and find ways to reach there.

Input to the system:

- Feedback from visitor.

Output from the system:

- Detailed information about the bridges as well as illustrated pictures

- Display location of the bridges and provide information about buses and flight to reach the places

- Display a visitor count.

Process:

- Validate data input from users.

Expected delivery date: 19-September-2022.

List of deliverables:

- Document Word, PDF.
- Source code.

Hardware/ Software Requirements:

Hardware

- Intel Core i3/i5 Processor or higher

- 8 GB RAM or above

- Color SVGA

- 500 GB Hard Disk space

- Mouse

- Keyboard

Software

Technologies to be used:

- Frontend: HTML5, CSS, Bootstrap, JavaScript, jQuery, AngularJS.

- Data Store: JSON files

Other Requirements:

- Operating Portal: Windows

- Browsers: Edge, Chrome, Mozilla Firefox, Safari

SCOPE OF THE WORK (IN BRIEF)

After a long and detailed discussion, our group has decided to create a website contain the following webpages:

1. *Homepage*: There is a menu bar to display 7 categories: Home, Brigdes (Historical, Iconic and Modern), Gallery, Contact us, About us, FAQ and Sign up
2. Each Bridge webpage will show 5 brigdes
3. *Gallery:* Displays all picture of website
4. *About Us*: Display the information of the company
5. *Contact Us*: Display the address of the company, Map and allow customers to request any information
6. *FAQ*: Display some common question and answer.
7. *Feedback*: Allow users send feedback and comment to the company.

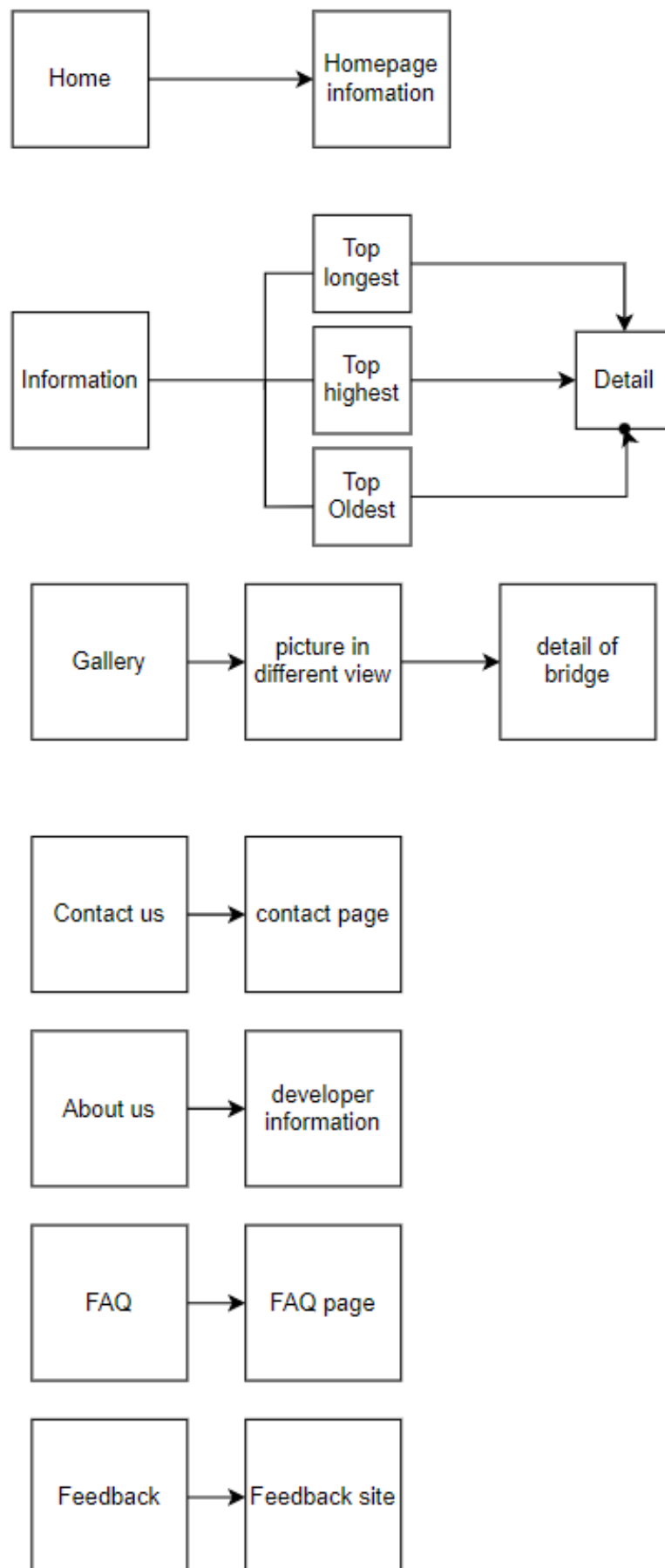# ARCHITECTURE AND DESIGN OF THE SYSTEM
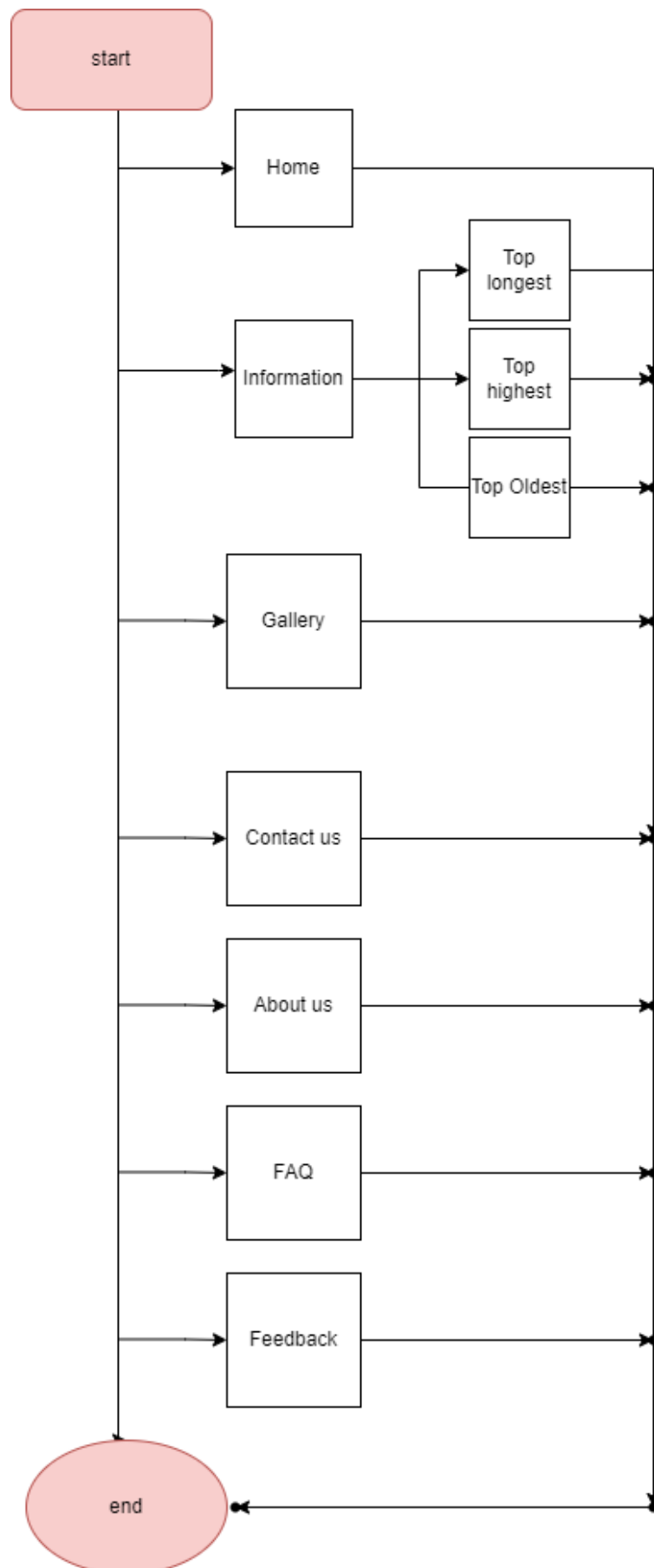
TASK SHEET REVIEW 1

Sr. No.	Task	Project Title:	Activity Plan Prepared By:	Date of Preparation of Activity Plan:			
Project Ref. No.: **eP/Advertisement Portal Management System/01**				Actual Start Date	Actual Days	Team Mate Names	Status
1	Problem Statement	Incredible Bridges	Dai	19-Aug-22	1	Tien	Completed
2	Analysis equirements about the website			19-Aug-22	1	Tien	Completed
3	The scope of the work (in brief)			19-Aug-22	1	Hao	Completed
4	Architecture and design of the system			19-Aug-22	1	Hao	Completed
5	Task Sheet			19-Aug-22	1	Tien	Completed

Date:	
Signature of Instructor:	Signature of Team Leader:
Ms. Le Mong Thuy	**Ho Dang Viet Tien**

SITE MAP

MOCK OF THE WEB SITE

1. Homepage

2. Detail Brigdes

Logo	Menu bar

Information

Location

History
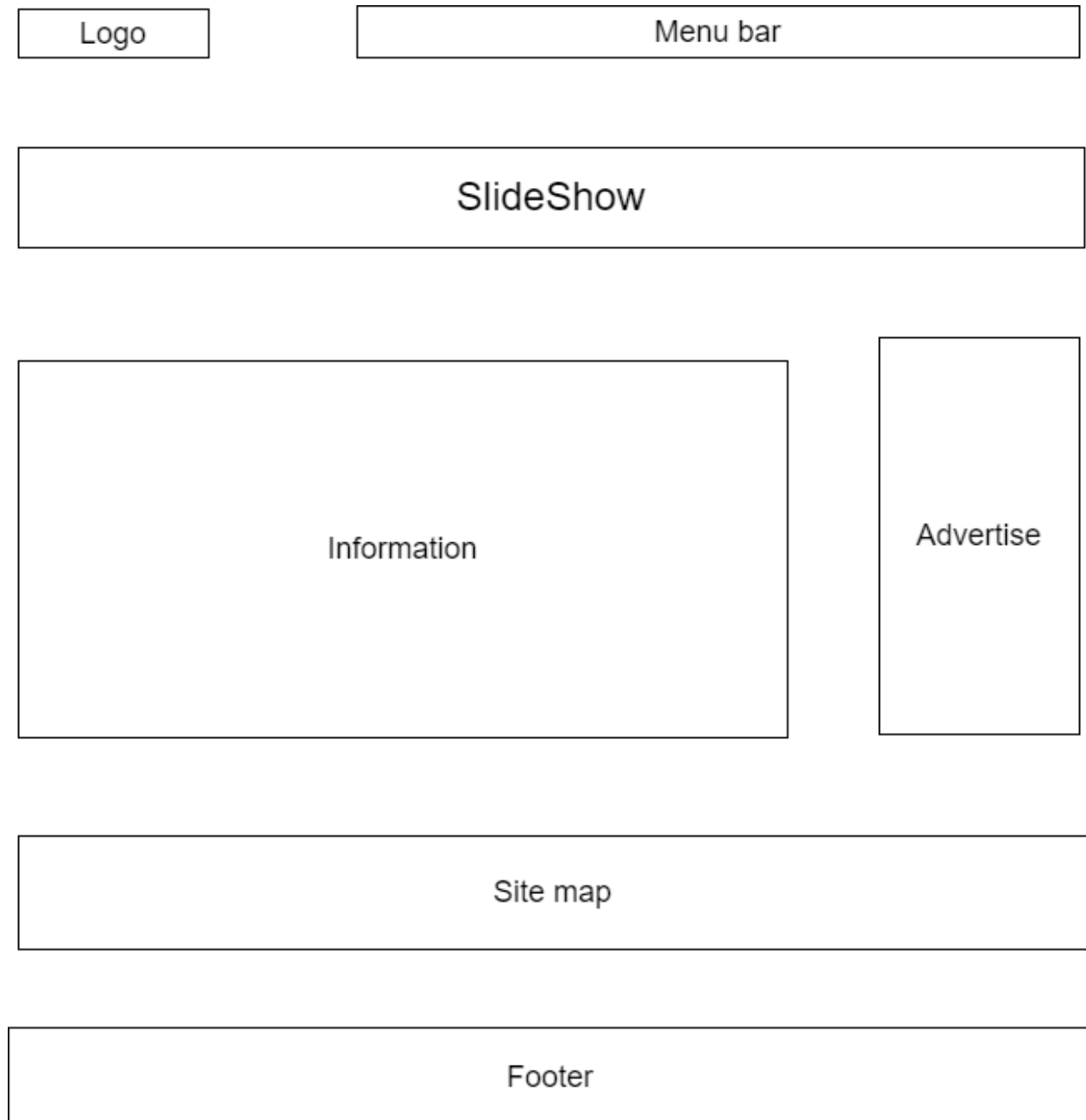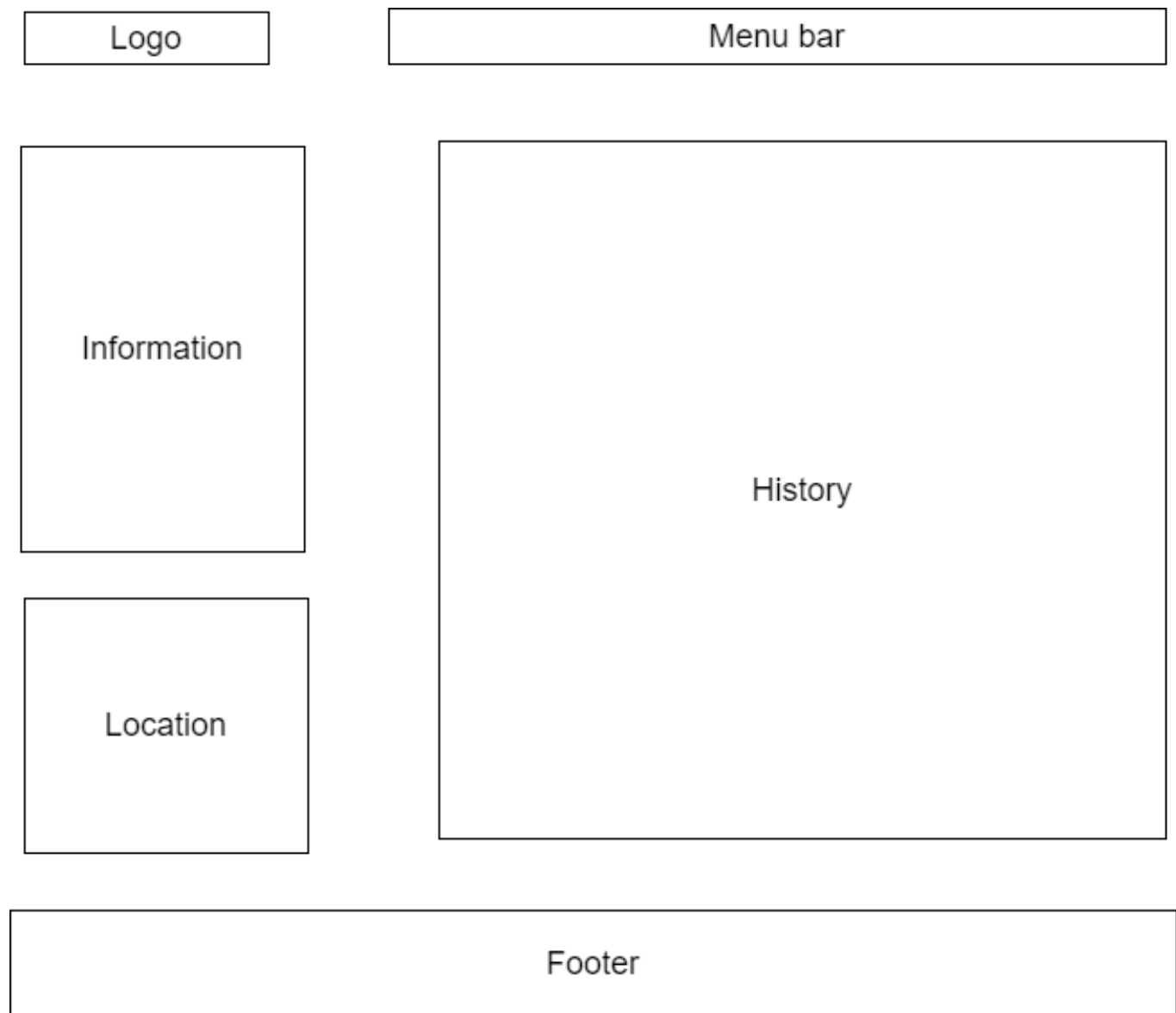
Footer

3. Gallery

| Logo | Menu bar |

Gallery picture

Footer

4. About Us

Logo	Menu bar

Member information

Location company

Footer

5. Contact Us

Logo	Menu bar

Contact information

Footer

6. FAQ

Logo	Menu bar

FAQ information
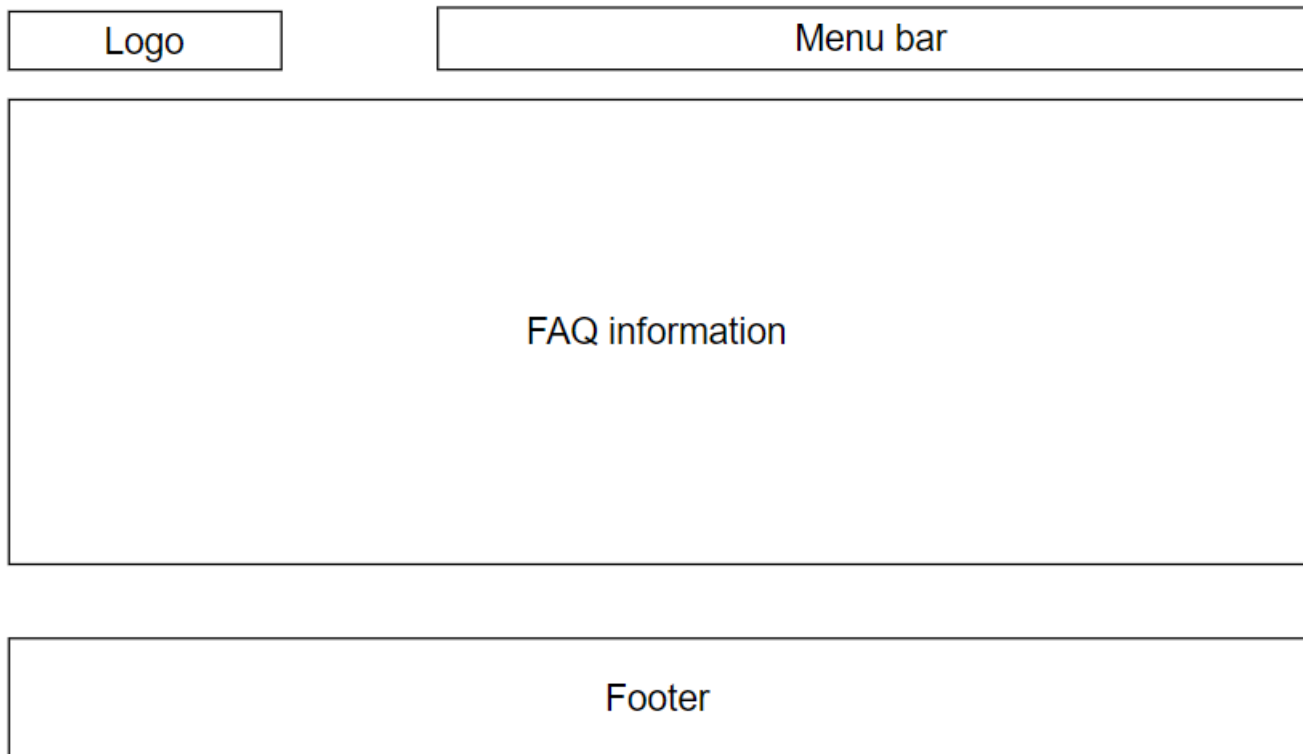
Footer

7. Feedback

Logo	Menu bar

Feedback site

Footer

TASK SHEET REVIEW 2

Sr. No.	Task	Project Title:	Activity Plan Prepared By:	Actual Start Date	Actual Days	Team Mate Names	Status
Project Ref. No.: eP/Advertisement Portal Management System/01				**Date of Preparation of Activity Plan:**			
1	Site Map	Incredible Brigdes	Tien	23-Aug-22	1	Tien	Completed
2	Mock of the website			22-Aug-22	2	Hao	Completed
3	Task sheet			22-July-22	2	Hao	Completed

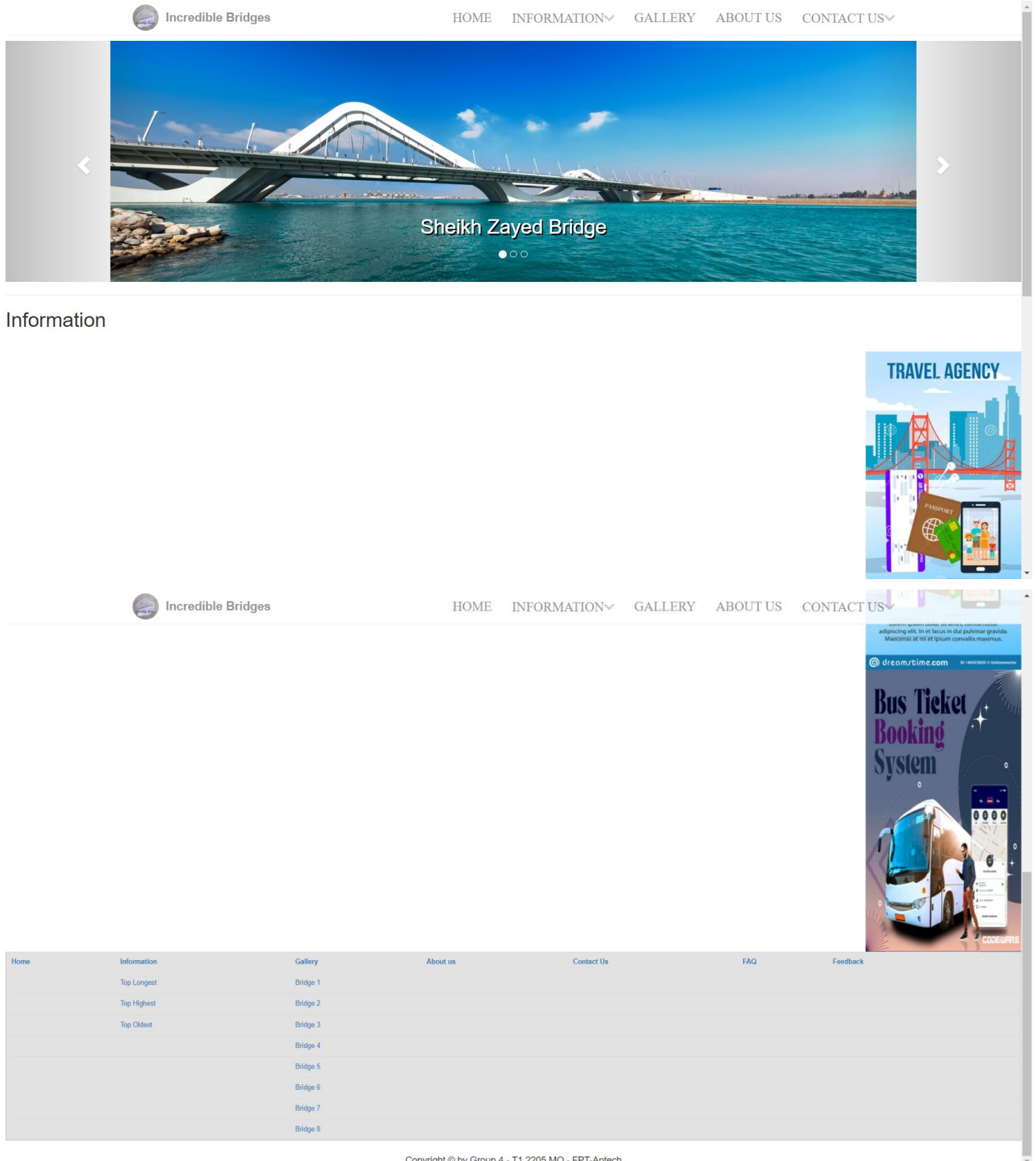| **Date:**	
Signature of Instructor:	Signature of Team Leader:
Ms. Le Mong Thuy	**Ho Dang Viet Tien**

WEBSITE DESCRIPTION

1. Homepage

a) Description

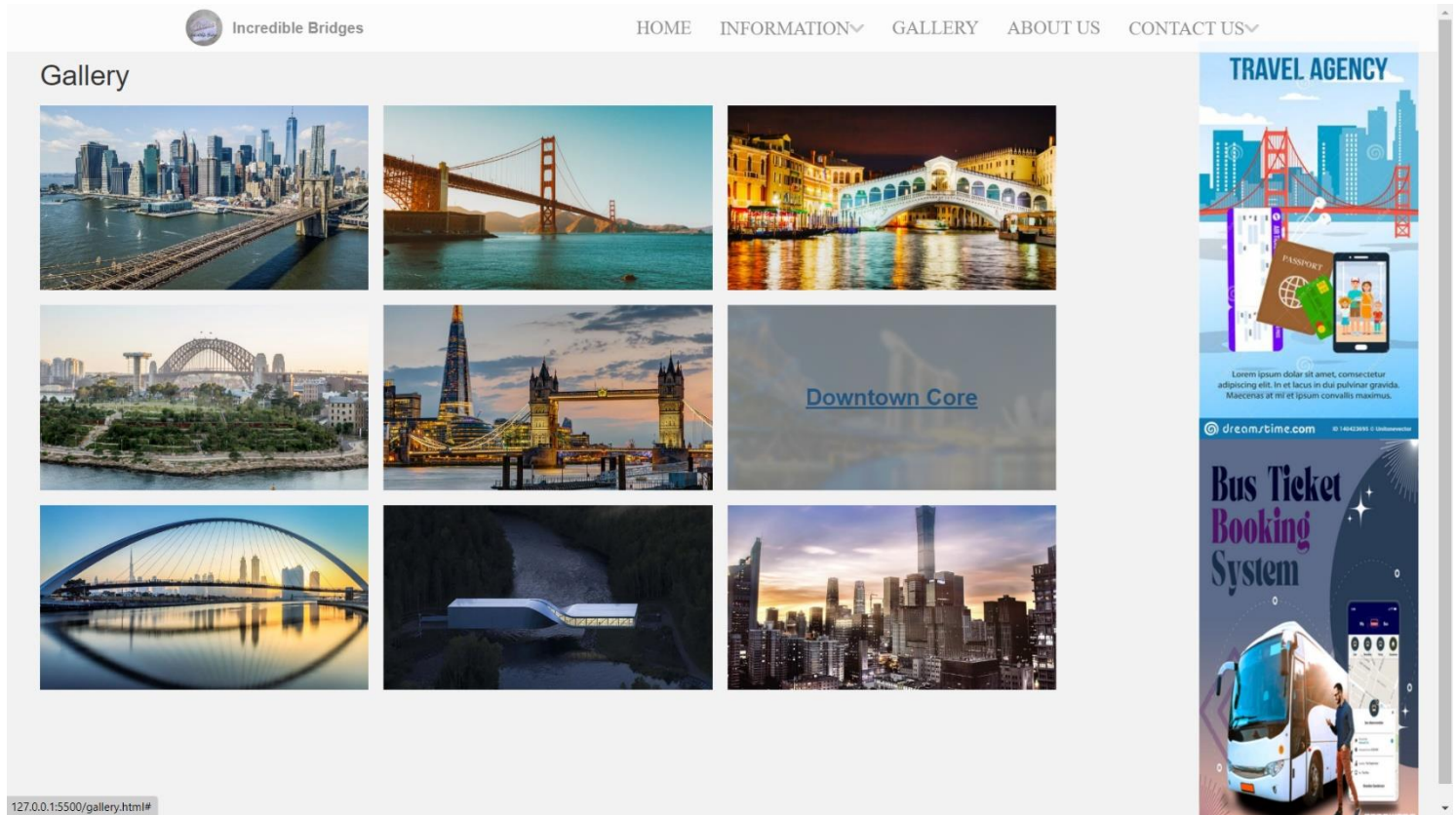Home page displays a few top famous bridges

b) Screen shot

c)

2.Gallery
  a) Description
     Gallery displays the most beauty picture of bridge and linked to the detail of bridge
  b) Screen shot
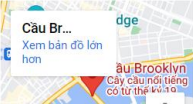
3.Detail Bridge

The Brooklyn Bridge

Information

Year
1883

Hightest
41m

Longest
1.825 m

Location
New york(USA)
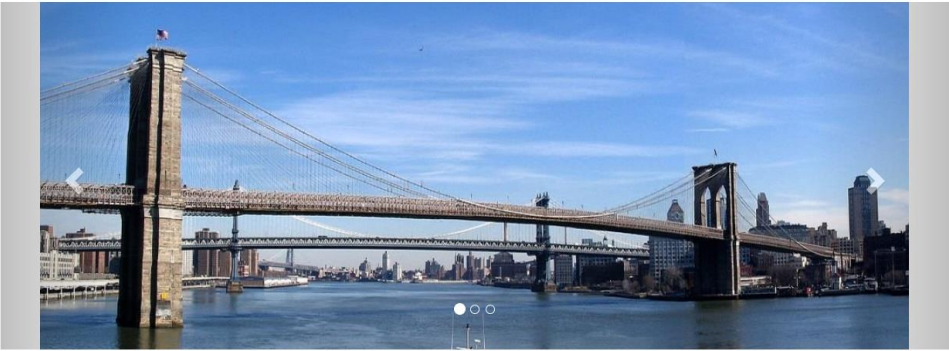
Continent
North Americas

History

The Brooklyn Bridge
is a hybrid cable-stayed/suspension bridge in New York City, spanning the East River between the boroughs of Manhattan and Brooklyn. Opened on May 24, 1883, the Brooklyn Bridge was the first fixed crossing of the East River. It was also the longest suspension bridge in the world at the time of its opening, with a main span of 1,595.5 feet (486.3 m) and a deck 127 ft (38.7 m) above mean high water. The span was originally called the New York and Brooklyn Bridge or the East River Bridge but was officially renamed the Brooklyn Bridge in 1915.

Description
The Brooklyn Bridge, an early example of a steel-wire suspension bridge,uses a hybrid cable-stayed/suspension bridge design, with both vertical and diagonal suspender cables. Its stone towers are neo-Gothic, with characteristic pointed arches. The New York City Department of Transportation (NYCDOT), which maintains the bridge, says that its original paint scheme was "Brooklyn Bridge Tan" and "Silver", although a writer for The New York Post states that it was originally entirely "Rawlins Red".

Construction
of the Brooklyn Bridge began on January 2, 1870. The first work entailed the construction of two caissons, upon which the suspension towers would be built.The Brooklyn side's caisson was built at the Webb & Bell shipyard in Greenpoint, Brooklyn, and was launched into the river on March 19, 1870. Compressed air was pumped into the caisson, and workers entered the space to dig the sediment until it sank to the bedrock. As one sixteen-year-old from Ireland.

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TASK SHEET REVIEW 3

Project Ref. No.: eP/Advertisement Portal Management System/01		Project Title:	Activity Plan Prepared By:	Date of Preparation of Activity Plan:			
Sr. No.	Task			Actual Start Date	Actual Days	Team Mate Names	Status
1	Home Page	Incredible Brigdes	Tien	23-Aug-22	1	Tien	Processing
2	Detail brigde			23-Aug-22	3	Hao	Processing
3	Gallery			23-Aug-22	2	Hao	Processing

Date:	
Signature of Instructor:	Signature of Team Leader:
Ms. Le Mong Thuy	**Ho Dang Viet Tien**