FPT ACADEMY INTERNATIONAL

FPT – APTECH COMPUTER EDUCATION

PlayfulOuting

Supervisor: *LÊ THANH NHÂN*

Semester: *01*

Batch No: *T5.2410.E0*

Group No: *06*

Order:	**Full name**	**Roll No.**
1.	*Nguyễn Hoàng Thế Hào*	*Student1614877*
2.	*Cống Hiển Khoa*	*Student1614878*
3.	*Dương Minh Mẫn*	*Student1614886*
4.	*Hồ Thanh Bạch*	*Student1614871*

***Month**: 02 **Year**: 2025*

This is to certify that

Mr. **Nguyễn Hoàng Thế Hào**

Mr. **Cống Hiển Khoa**

Mr. **Dương Minh Mẫn**

Mr. **Hồ Thanh Bạch**

Have successfully Designed & Developed

PlayfulOuting

Submitted by:

Mr. LE THANH NHAN

Date Of Issue:

Authorized Signature:

Content

Content

Acknowledge

Synopsis

Review1 ..... (1)

Review2 ..... (5)

Review3 ..... (8)

Checklist Of Validations..... (16)

Submission Checklist..... (17)

Tasksheet ..... (18)

Acknowledge

As we understand that the eProject is a step-by- step learning environment that closely simulates the class-room and Lab based learning environment into actual implementation. It is a projectimplementation at your fingertips!! An electronic, live juncture on the machine that allows you to.

- ✓ Practice step by step i.e. laddered approach.
- ✓ Build a larger more robust application.
- ✓ Usage of certain utilities in applications designed by user.
- ✓ Single program to unified code leading to a complete application.
- ✓ Learn implementation of concepts in a phased manner.
- ✓ Enhance skills and add value.
- ✓ Work on real life projects.
- ✓ Give a real life scenario and help to create applications more complicated and useful.
- ✓ Mentoring through email support.

We would like to send a great thank to our professor and others student for the addorable supports during the time in project.

Beside serveral mistakes we had made in the project, we hope to have more oppotunities to widen our knownledge in web developing world.

We also thank you so much for your infomation and the “demo” project from India APTECH to help us get more reality experience in this project. Since we have gained more experience from this project, we will not stop learning any thing as much as we can to be more successful in the future.

Your Sincerely,

Team Group 06.

Synopsis

The Objective of this program we aim is to give a sample project to work on real life projects. These applications help us build a larger more robust application.

The objective is not to teach us HTML/JavaScript but to provide us with a real life scenario and help us create basic applications using the tools.

Hence, we can revise the chapters before we start with the project.

This project is meant for students like us who have completed the module of HTML5. These programs should be done in the Lab sessions with assistance of the faculty if required.

This Project will help us how to make an application for people in a family and connect them through games that they can play together, or just having fun with friends that have the same hobbies.

It is very essential for us that will have a clear understanding of the subject. We think we should go through the project and solve the assignments as per requirements given.

And get back ***eprojects@aptech.ac.in*** as the assigned schedule.

Problem Definition

1. Project Specification:

-Website provides variety of indoor and outdoor picnic games for kids, male, female, or family

-A single-page application and responsive website

- Can work in multiple browser: CocCoc, Chrome, Internet Explorer, OperaGX,…

-Website be designed as a Single-Page-Application and responsive Website, including pages and menus that represent choices of activities.

2. The Website will be created based on these following requirements:

***** ***HomePage***(index.html): include logo, Website's name, Navigation links (Categories) , search bar , some images of recommended games

****Categories*:** include logo, Website's name, Navigation links (Categories) , search bar, some recommended games's image of each categories

+Each game will show its quick details (genre, number of download, rated,…)

+When click a game will show its full details (including: images, genre, story, link to game on steam or platform can download it, recommend some same genre, categories games, demo videos, introduction document, price on steam)

***About, contact*:** display contact of each team's member, link to website that inspired by.

Customer Requirements Specifications

Mô tả các điểm trong chu trình xử lý dữ liệu cho từng đối tượng sử dụng.

User:

input:

- User choose one of the categories.

Process:

- Find the suitable game in game list

Output:

- -Display the suitable games

Webmaster:

input:

- Name, genre, story, rated, price,…

Process:

- Save to json file

Output:

- Quick detail in game list

Hardware / software requirement:

Software:

Technologies to be used:

- Frontend: HTML5, CSS, Bootstrap, JavaScript, jQuery, React/AngularJS, Figma, XML
- Data Store: JSON files or TXT files

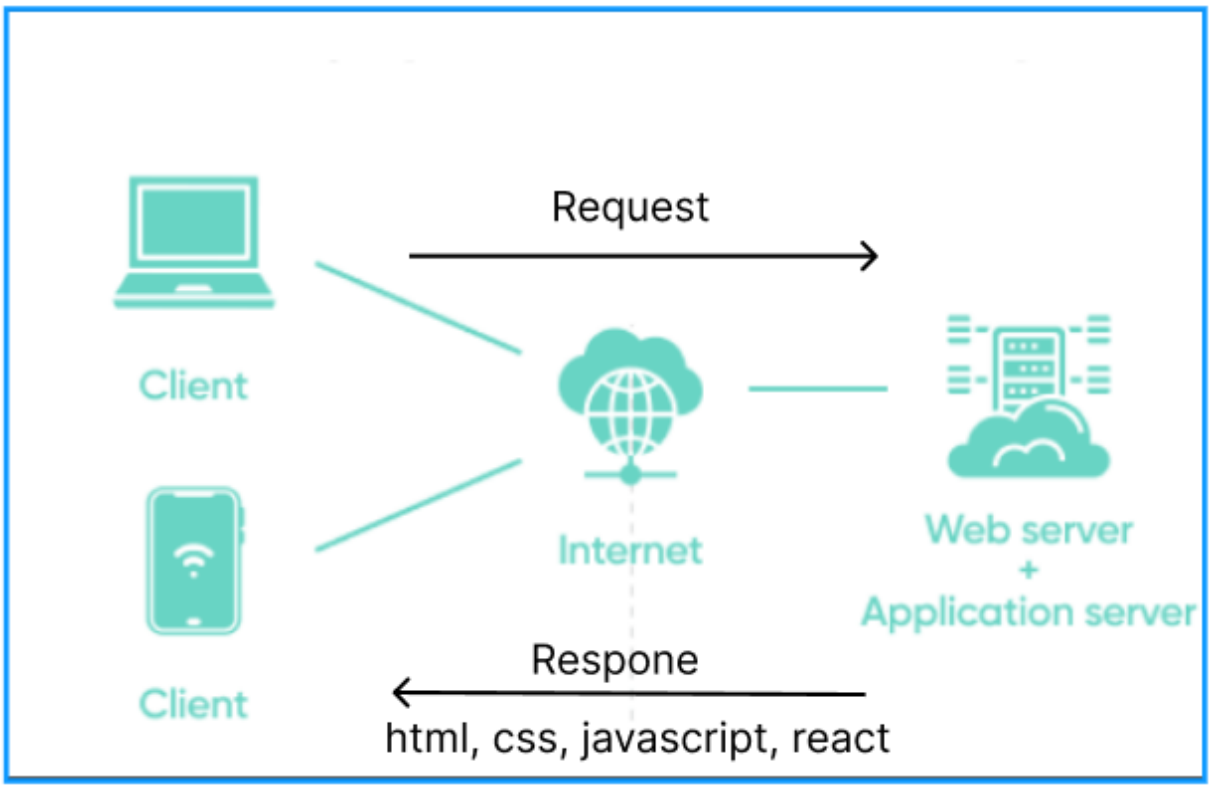
Other Requirements:

- Operating Portal: Windows
- Browsers: Edge, Chrome, Mozilla Firefox, Safari
-

Hardware:

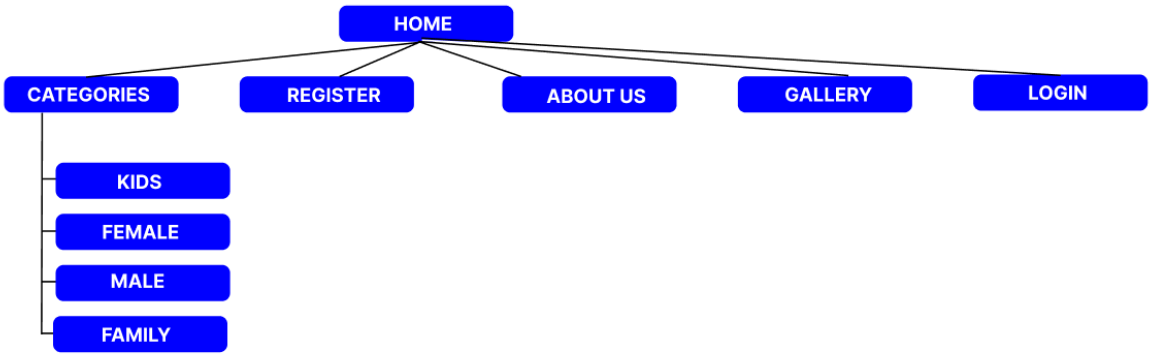
- Intel Core i3/i5 Processor or higher
- 8 GB RAM or above
- Color SVGA
- 500 GB Hard Disk space
- Mouse
- Keyboard
-

Architecture and design of the project



SiteMap

1. Site map:



2. Problem Statement:

-Website provides variety of indoor and outdoor picnic games for kids, male, female, or family

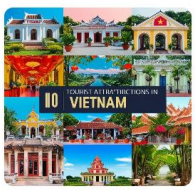
-A single-page application and responsive website

*Some recommended Travel location and park for picnic activities:

500ml Plastic Bottle

Large-capacity plastic bottle, convenient for families.

Price: 40,000 VND



1L Plastic Bottle

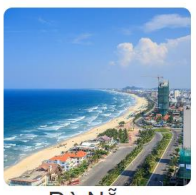
Large-capacity plastic bottle, convenient for families.

Price: 50,000 VND

2L Plastic Bottle

Large-capacity plastic bottle, convenient for families.

Price: 60,000 VND



Đà Nẵng

Thành phố biển năng động với nhiều danh thắng đẹp.

Giá: 500,000 VND

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 06	**Le Thanh Nhan**
Signature		
Date		

*Some recommended games:

Cornhole

Cornhole, còn được gọi là corn toss hay bean bag toss, là một trò chơi tại Hoa Kỳ. Những người chơi lần lượt ném bao nhỏ đựng ngô lên một chiếc bàn thấp có lỗ thủng ở cách đó một khoảng cách nhất định. Ném một bao vào lỗ được thì được ba điểm, và ném lên trên bàn thì được một điểm

Domino

Domino is a traditional board game popular around the world, especially in Asian and European countries. This game uses small rectangular chess pieces, commonly called dominoes, marked by a line dividing each piece into two squares. Each square can have a certain number of points, or it can be left blank. This game is extremely suitable for entertainment and brain training

Jenga

Jenga is a game of physical skill created by British board game designer and author Leslie Scott and marketed by Hasbro. The name comes from the Swahili word "kujenga" which means 'to build or construct'. Players take turns removing one block at a time from a tower constructed of 54 blocks

Laddertoss

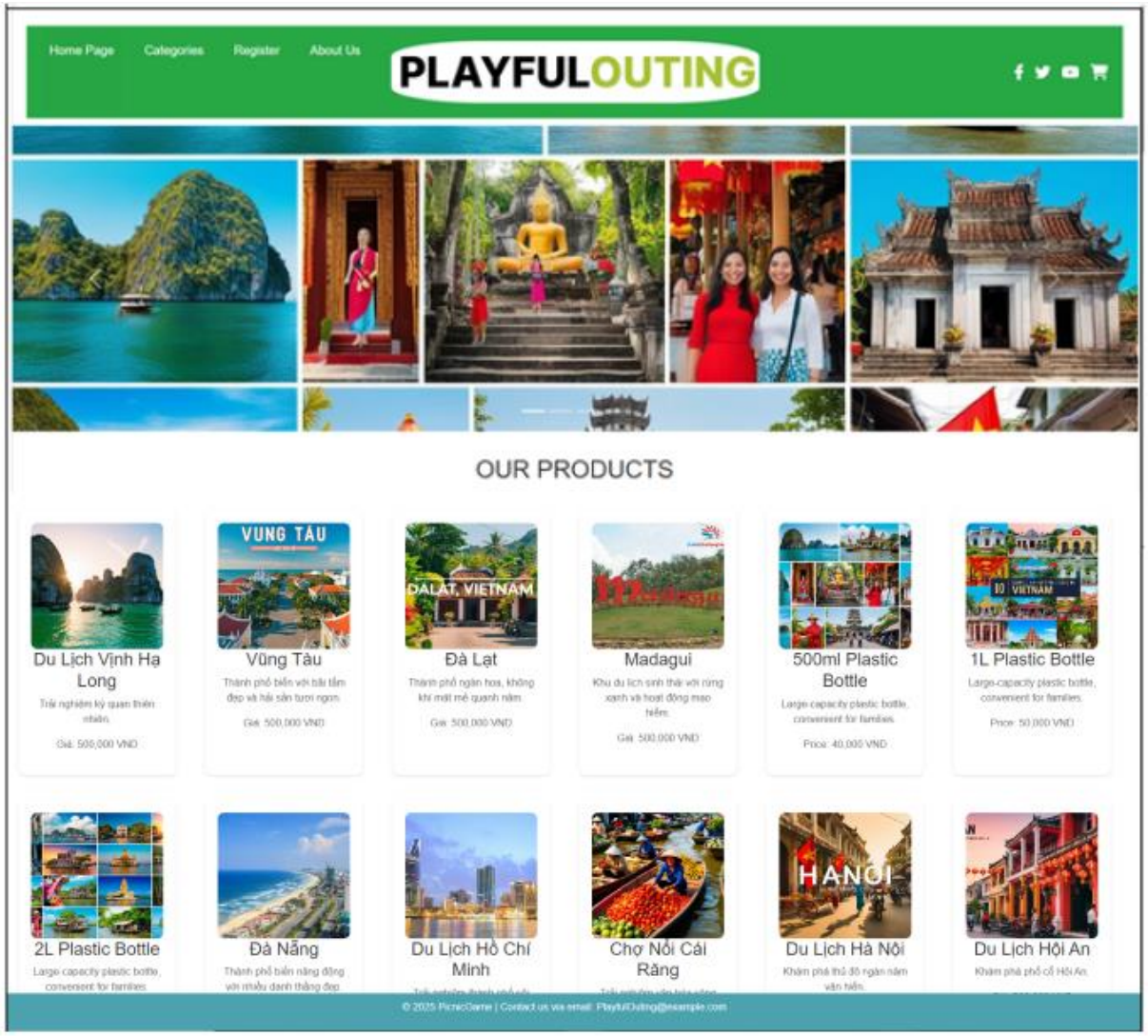
Ladder toss, also known as ladder golf, is a game where players throw bolas at a ladder to score points. The goal is to be the first player or team to reach 21 points with a lead of at least two points

Matching

How to play: For children, they can put each pair of pictures in front of the them to compare the two pictures with each other correctly and teach fruits. With a slightly older children will turn up the position of the pictures to find the right pair.

Screen shots

I-Homepage:



Description : The screen displays a tourism-themed interface from a website named "Playful Outing." It showcases various travel destinations in Vietnam, including Da Nang, Vinh Ha Long, and Hoi An Ancient Town. The page features navigation options like "Book Now," "Learn More," and "Customer Reviews" alongside attractive images

of the destinations. When the pointer point each picture in the gallery, it will show up the information of the place.

From : This screen seems to have been accessed from the "Home" or main menu of the "Playful Outing" website.

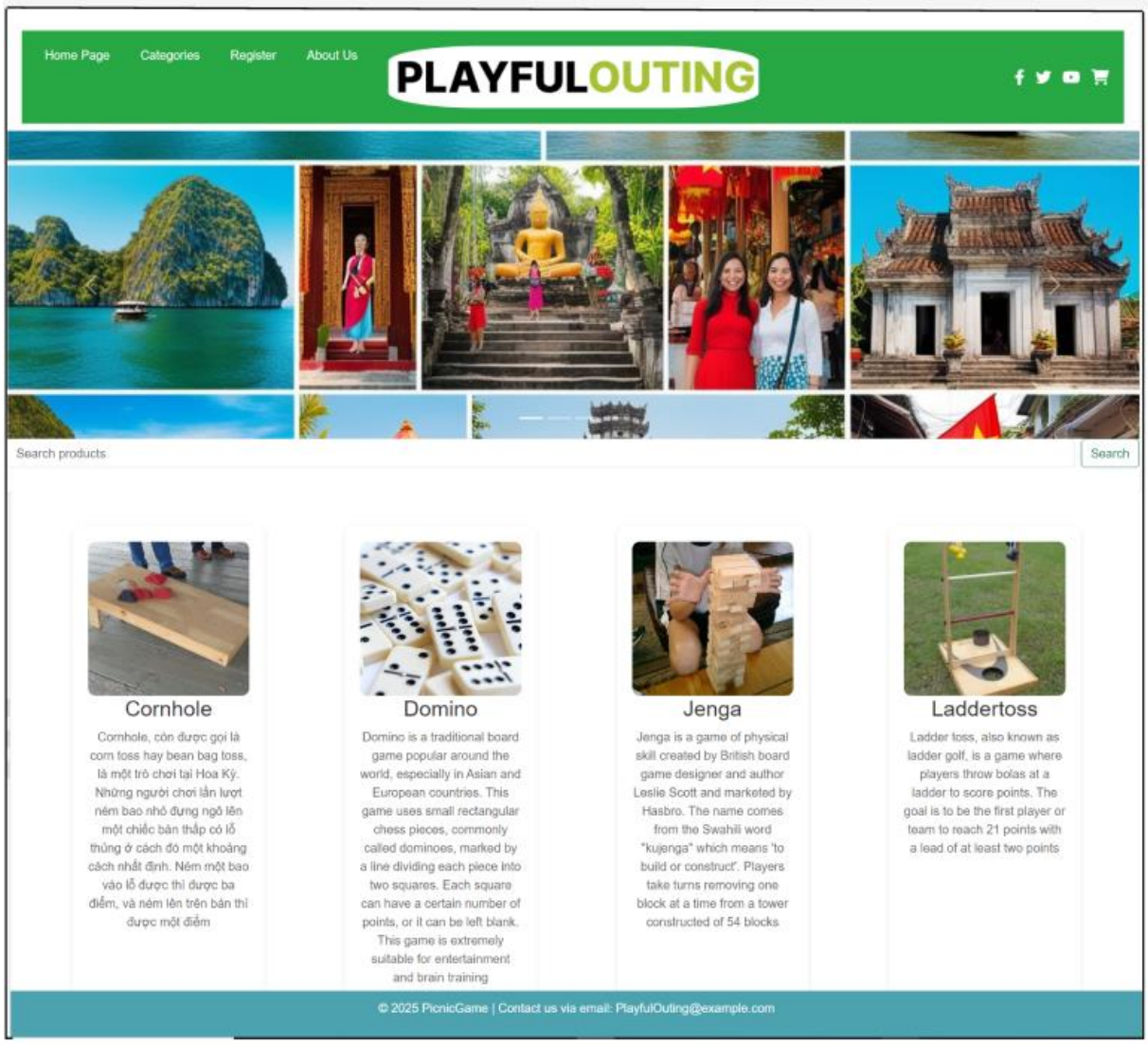
To : From this page, users can navigate to other pages such as:

- Booking pages for specific destinations.
- Additional information or introduction pages for the destinations.
- A section for customer reviews.
- Possibly other tourist destination pages or general tourism information pages.

Other pages on the website, such as:

- **Categories:** A page with likely providing a lot of games to user.
- **Types**(possibly for filtering games or content by type).
- **Register**: A page to create an account or sign up for the platform.
- **Contact Us**: A page with information to connect with the website administrators or learn more about their services.

II- Categories page:



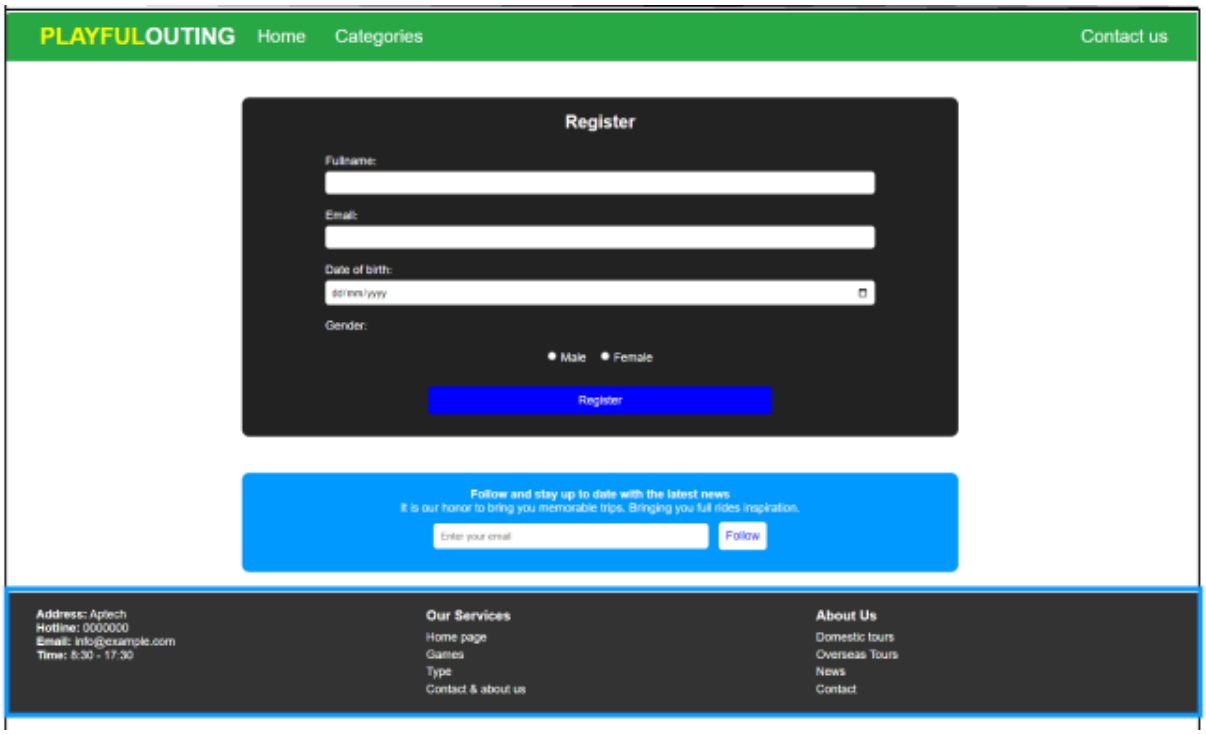
Description : This screen is the "Games" page of the "Playful Outing" website, showcasing a collection of games categorized into "Family's Games" and "Sports Games." Each game entry includes a thumbnail, title, platform, release date, and user ratings. A search bar is prominently displayed, allowing users to find specific games quickly.

From : This screen is accessed from the "Games" section in the main menu of the "Playful Outing" website.

To : From this page, users can navigate to:

- Individual game detail pages by clicking on specific game entries.
- Other categories or genres of games (accessible through menu navigation).
- Other pages on the website, such as:
    - **Home**
    - **Categories**
    - **Register**
    - **Contact Us**.

III-Register Page:



Description : This screen is the "Register" page of the "Playful Outing" website. It features a registration form requiring users to provide their **Full Name**, **Email**, **Date of Birth**, and select their **Gender** (Male or Female). A prominent blue "Register" button is included to submit the information.

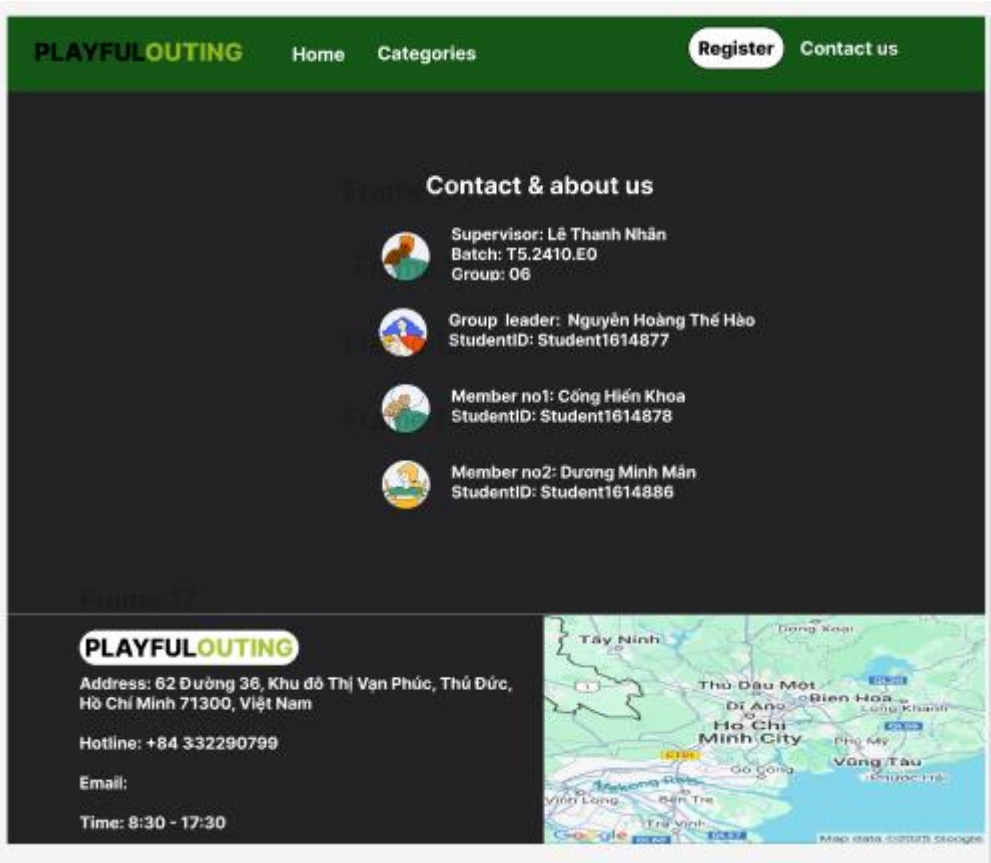
From : This screen is accessed by selecting the **Register** option in the website's main menu.

To : From this page, users can:

- Submit their information to complete the registration process.
- Navigate to other sections of the website, such as:

- **Home**
- **Categories**
- **Contact & About Us**.

III- About us Page:



Description : This is the "Contact & About Us" screen, which provides information about the project team. It includes the supervisor's name, group leader, and team members along with their student IDs.

From : This screen is accessed from the navigation menu under the "Contact & about us" option.

To : There are no direct navigation links on this page, but users can return to other pages such as Home, Games, Type or Register using the top navigation menu.

- Other pages on the website, such as:

- **Home**
- **Categories**
- **Register**
- **Contact Us**.

Checklist Of Validation

Sr.No	Features Tested	Remarks
1	Do all numeric variables have a default value of zero?	yes
2	Does the administrator have all the rights to create and delete the records?	yes
3	Have all the Design and Coding Standards been followed and implemented?	yes
4	Is the GUI design consistent all over?	yes
5	Is the navigation sequence correct through all the forms/ screens in the application?	yes
6	s exception handling mechanism implemented in all the screens	yes
7	Have all the modules been properly integrated and are completely functional?	yes
8	Are all the records properly fed into the appropriate database?	yes
9	Are all the program codes working?	yes
10		
11		
12		
13		
14		
15		

Submission Checklist

Sr.No	Aspected Tested	Suggestion/ Remarks
1	Are all the users able to view the images and links?	yes
2	Have all the views, modules and controllers been properly integrated and is the site function as a single page application?	yes
3	Are the GUI content devoid of spelling mistakes?	yes
4	Is the application user-friendly?	yes
5	Is the Website launching correctly in all popular browsers?	yes
6	Are all the forms validated with proper criteria?	yes
7	Do all text links lead to the appropriate website?	yes
8	Do all image links lead to the appropriate website?	yes
9	Are all the images and links clearly visible on the page?	yes
10	Does the Web page work properly in all the tested browsers?	yes
11	Does the Web page take too long to be loaded fully?	yes
12	Is the navigation sequences correct through all the Web pages on the site?	yes
13	Is the JavaScript code working as expected in all click events?	yes

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 06	Le Thanh Nhan
Signature		
Date		

No	Member	Contents	Page Name	Activity Plan	Date of Preparation of Activity Plan		
				Planed Start Date	Actual Start Date	Actual Days	Status
1	Nguyễn Hoàng Thế Hào	Hompage	Hompage.html	18/1/2025	19/1/2025	2	OK
2		Gallery	Homepage.html	18/1/2025	19/1/2025	2	OK
1	Cống Hiển Khoa	Register	Register.html	18/1/2025	19/1/2025	2	OK
2		About us	Aboutus.html	18/1/2025	19/1/2025	2	OK
1	Dương Minh Mẫn	Searching	Categories.html	18/1/2025	19/1/2025	2	OK
2		Categories	Categories.html	18/1/2025	19/1/2025	2	OK

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 06	
Signature		
Date		

1	Hồ Thanh Bạch	Figma design		18/1/2025	19/1/2025	2	NA
2		Login	Login.html	18/1/2025	19/1/2025	2	NA

	Prepared by (Student)	**Approved by (Faculty)**
	Project Group No: 06	
Signature		
Date		