



Alliance with  Education

FPT ACADEMY INTERNATIONAL  
FPT – APTECH COMPUTER EDUCATION

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## Kids Zone

**Supervisor:** *LÊ THANH NHÂN*  
**Semester:** *1*  
**Batch No:** *T1.2008.A2*  
**Group No:** *2*

Order:	Full name	Roll No.
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2.	<i>Lê Nguyễn Thành Nhân</i>	<i>Student1277226</i>
3.	<i>Bùi Nguyễn Duy Phương</i>	<i>Student1270653</i>

*Month: 11 Year: 2020*

This is to certify that

**Mr.** \_\_\_\_\_ **Nguyễn Ngọc Thiện**

**Mr.** \_\_\_\_\_ **Lê Nguyễn Thành Nhân**

**Mr.** \_\_\_\_\_ **Bùi Nguyễn Duy Phương**

Have successfully Designed & Developed

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**Kids Zone**  
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Submitted by:

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**Mr. LE THANH NHAN**  
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Date of Issue:

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Authorized Signature:

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## Acknowledge

We would like to express our special thanks of gratitude to our teacher Le Thanh Nhan as well as Aptech who gave us the opportunity to do this wonderful project. We are thankful for the opportunity to increase our knowledge and fortified our skills on the subject of website development. We acknowledge this project was designed to also advance our future prospect.

<b>Design Plan:</b> Kids Zone	<b>Document Name:</b> Problem Definition	<b>SWD/Form No.01/PD/ver1.0</b>
<b>Effective Date:</b> 13-Nov-20	<b>Version 1.0</b>	<b>Page No:</b> Page 5 of 20

## Project Objectives

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

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No: 2</b>	<b>LE THANH NHAN</b>
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Kids Zone	<b>Document Name:</b> Problem Definition	<b>SWD/Form No.01/PD/ver1.0</b>
<b>Effective Date:</b> 13-Nov-20	<b>Version 1.0</b>	<b>Page No:</b> Page 6 of 20

## Problem Definition

The [www.kids-Zone](http://www.kids-Zone) website is designed for the Kids (Toddlers) for Learning ABC's in more creative way. The website includes the ABC with A for ....., B for.....

Also, it includes some nursery rhymes with images so that child can grasp more easily. One two three till 100 with and without spellings, some basic calculation of addition and subtraction. Prayers, Galleries of basic animals, plants, fruits, games colors, Sunday-Mondays and so on.

The website is to be developed for the Windows Platform using HTML5, JavaScript and Geolocation. The site should work well in all leading browsers including Chrome, IE, Firefox etc.

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<b>Design Plan:</b> Kids Zone	<b>Document Name:</b> Problem Definition	<b>SWD/Form No.01/PD/ver1.0</b>
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## Data Processing

### From user

#### Input

- Register account on Kids Zone.
- Send feedback.

#### Processing

Log in to check and / or update personal information in registered account.

#### Output

Receive notification of:

- Successful logging in or successful register new account.
- Invalid register input (validator)

### From web master

#### Input

Add or remove application, editing banner, font family, style, image, audio, video.

#### Process

Check user account information and(or) remove them.

#### Output

Receive feedback (via mail)

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
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<b>Date</b>		

<b>Design Plan:</b> Kids Zone	<b>Document Name:</b> Customer Requirement Specification	<b>SWD/Form No.02/CRS/ver1.0</b>
<b>Effective Date:</b> 13-Nov-20	<b>Version 1.0</b>	<b>Page No:</b> Page 8 of 20

## Customer Requirement Specification

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

- 1) Home page must be designed by including various interactive images like of a child say prayer, brushing teeth, drinking milk and so on.
- 2) Navigation links must be included and must be designed in an interactive way so as to become more user friendly for the kids.
- 3) Font sizes must be selected appropriately thinking about the end users.
- 4) Navigation must be made user friendly.
- 5) Menus can be included such as:
  - Alphabet
  - Numerical
  - Some nursery rhymes with relevant images.
  - Basic colors
  - Some animals
  - Some Vegetables
  - Dates
  - Addition (here allow the end user to enter the value and message must be prompted whether correct answer or incorrect)
  - Subtraction (here allow the end user to enter the value and message must be prompted whether correct answer or incorrect)
- 6) Look and feel must be made user friendly.
- 7) Uniformity and Navigation must be made smooth throughout the website.
- 8) The “Contact Us” page should have the Address of the Company and the mail address which when clicked will invoke the local mail client from where they can send an email. Address of the Company should be displayed using Geolocation API (e.g. Google Maps).



<b>Design Plan:</b> Kids Zone	<b>Document Name:</b> Customer Requirement Specification	<b>SWD/Form No.02/CRS/ver1.0</b>
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## Hardware/ Software Requirements

### Hardware

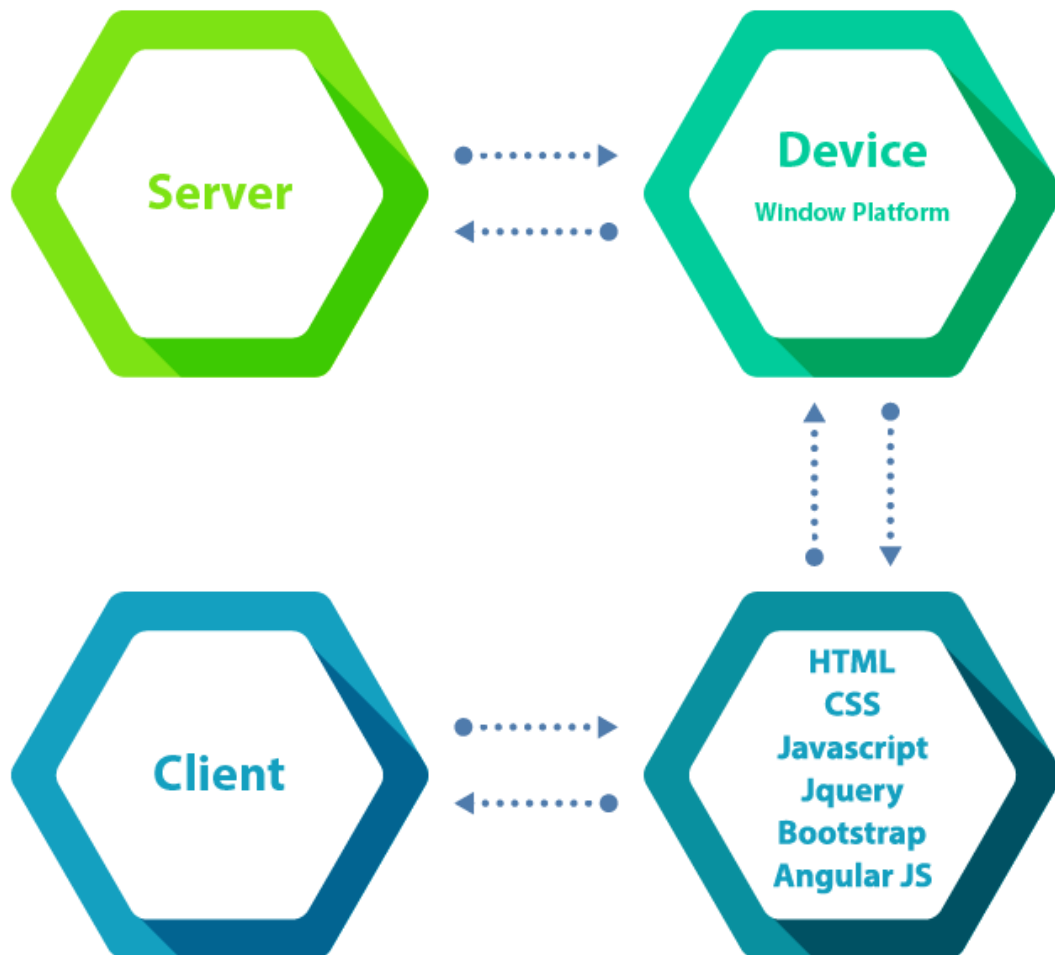
- A minimum computer system that will help you access all the tools in the courses is a Pentium 166 or better
- 64 Megabytes of RAM or better

### Software

- Notepad/HTML editor
- Dreamweaver
- IE 5.0/ Netscape 6.0

<b>Design Plan:</b> Kids Zone	<b>Document Name:</b> Architecture and Design of Project	<b>SWD/Form No.03/ARD/ver1.0</b>
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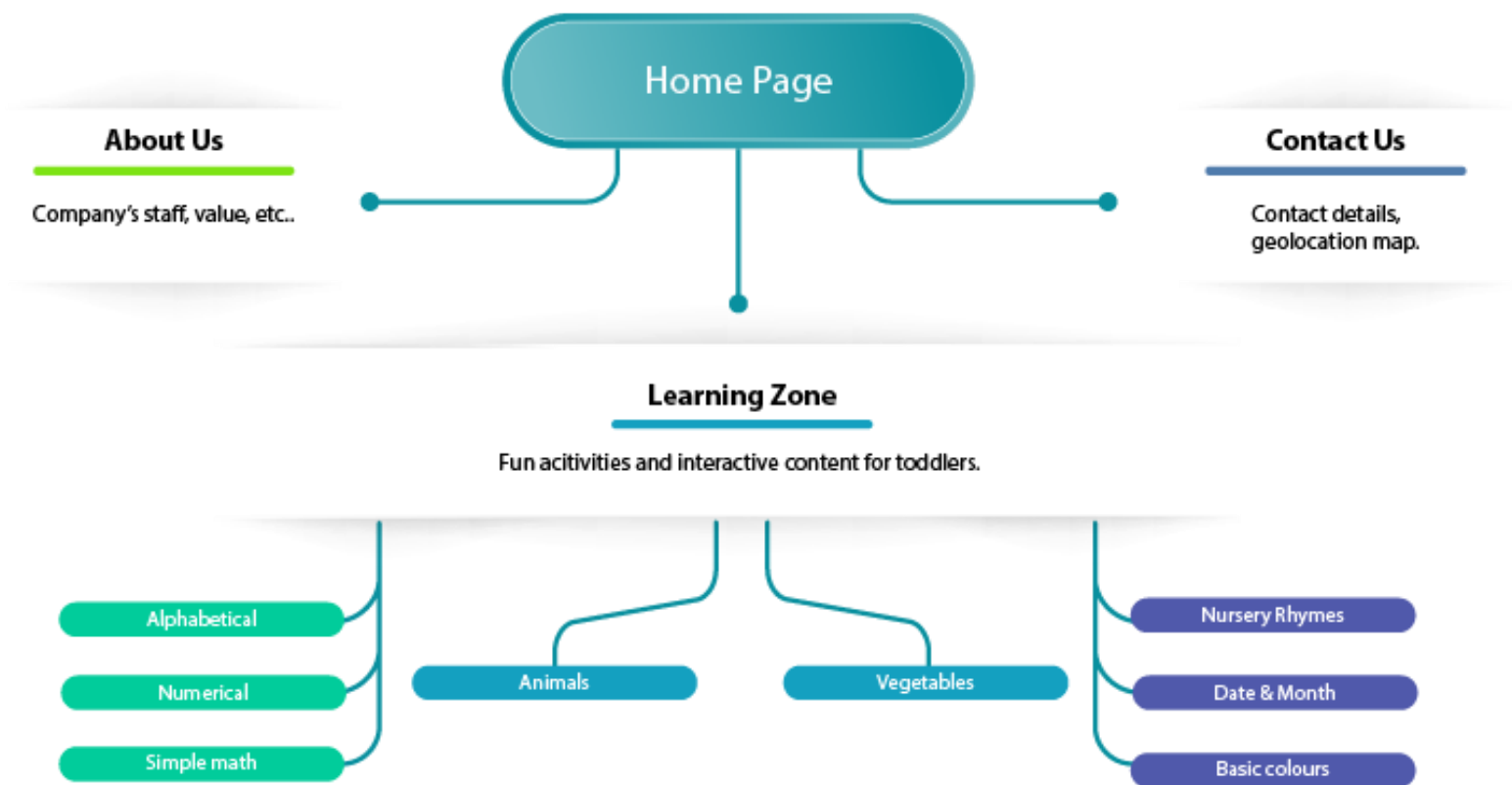
## Architecture and design of project



	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No: 2</b>	LE THANH NHAN
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Kids Zone	<b>Document Name:</b> Site Map	<b>SWD/Form No.04/SM/Ver1.0</b>
<b>Effective Date:</b> 13-Nov-20	<b>Version 1.0</b>	<b>Page No:</b> Page 11 of 20

## Site Map

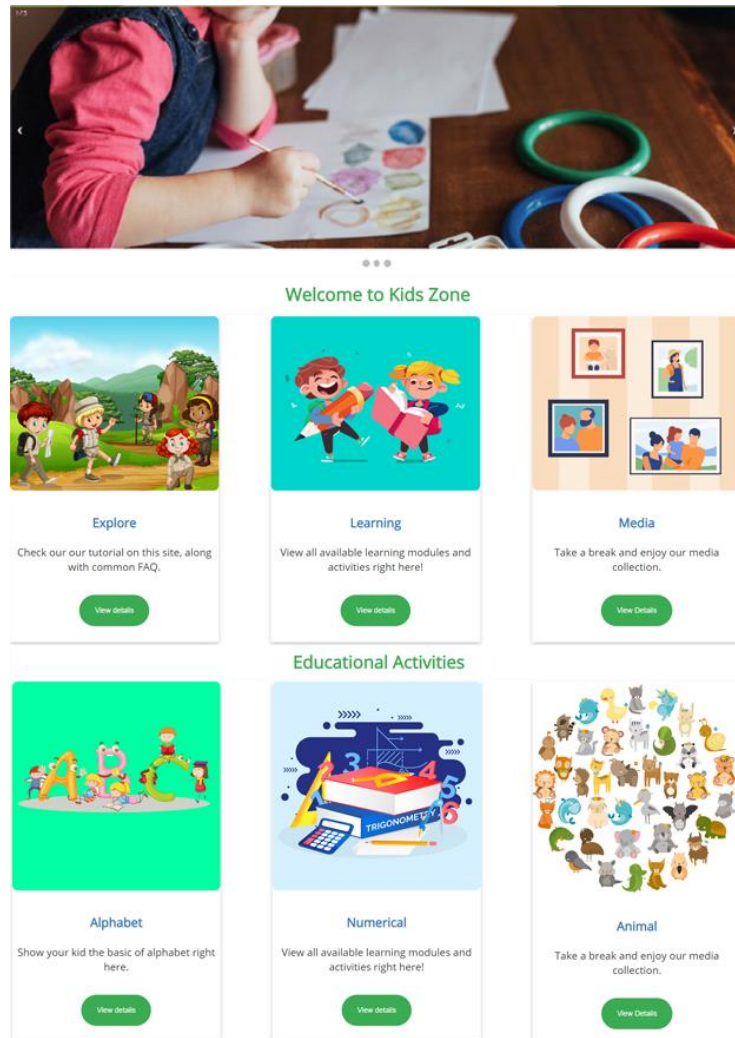


	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No: 2</b>	<b>LE THANH NHAN</b>
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Kids Zone	<b>Document Name:</b> Screenshot	<b>SWD/Form No.05/SS/Ver1.0</b>
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## Screenshot

### 1. Home Page



Description: Home page or landing page, containing header, footer, various cards containing hyperlink to categories.

From: hyperlink inside the logo on header, letter 'home' on navigation bar.

Navigation bar on the top of the page provide link to 'About us, contact us, register and log in form'

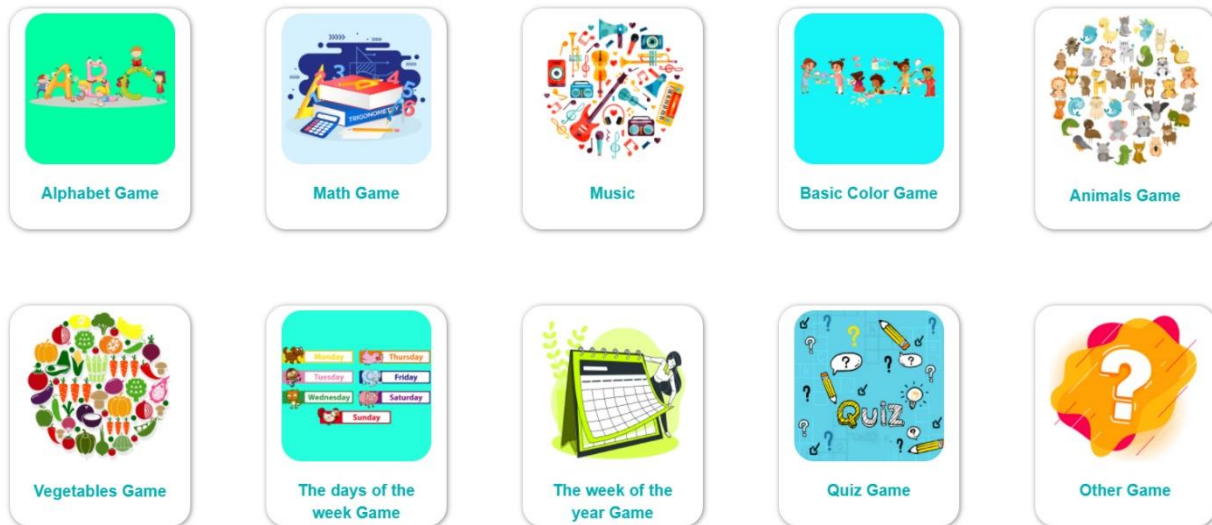
	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No: 2</b>	<b>LE THANH NHAN</b>
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Kids Zone	<b>Document Name:</b> Screenshot	<b>SWD/Form No.05/SS/Ver1.0</b>
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## 2. Categories

# Learning

Welcome to learning centre of Kids Zone. Check out below to find amazing interactive activities for you!



Description: Categories page, a list showing all activities available on the website for kids.  
From: homepage via navigation bar with the button: “Categories”  
Header and footer of this page provide links to access to other pages of the site.

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
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<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Kids Zone	<b>Document Name:</b> Screenshot	<b>SWD/Form No.05/SS/Ver1.0</b>
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## 2.1 Categories – Math Game



Description: application for simple math

From: Homepage -> Categories -> Mathematic

Header and footer of this page provide links to access to other pages of the site.

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	<b>Project Group No: 2</b>	<b>LE THANH NHAN</b>
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Kids Zone	<b>Document Name:</b> Screenshot	<b>SWD/Form No.05/SS/Ver1.0</b>
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## 2.2 Categories – Colour Game



Description: application for basic color

From: Homepage -> Categories -> Color

Header and footer of this page provide links to access to other pages of the site.

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<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Kids Zone	<b>Document Name:</b> Screenshot	<b>SWD/Form No.05/SS/Ver1.0</b>
<b>Effective Date:</b> 13-Nov-20	<b>Version 1.0</b>	<b>Page No:</b> Page 16 of 20

### 3. Contact Us

## Contact Us

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NAME \*

Name

EMAIL \*

Email

MESSAGE \*

Message

SEND

### Our Location



Description: this page provides customer a mean to contact website's owner, including contact form, geolocation map, header and footer.

From: 'contact us' button on the navigation bar of header and the footer.

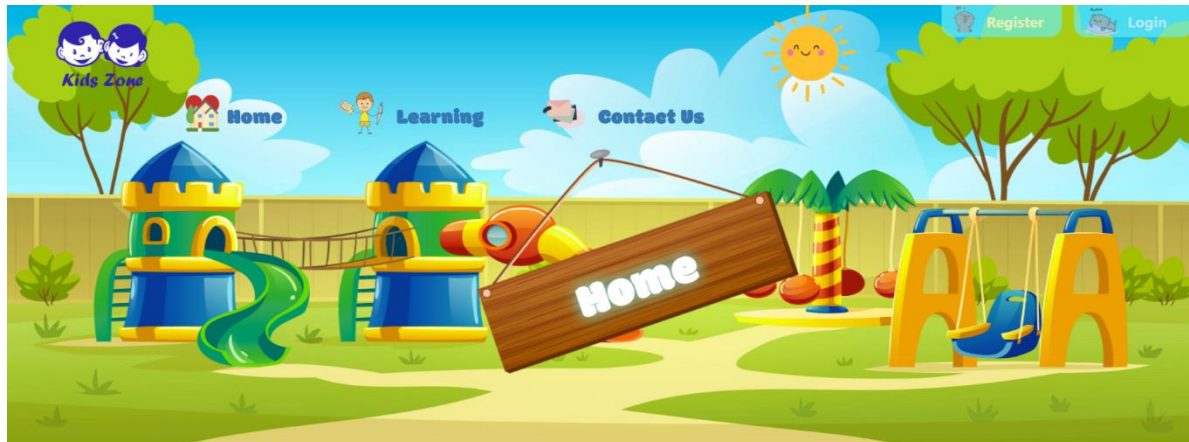
To: this page contains navigation bar and footer to access other pages.

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
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<b>Signature</b>		
<b>Date</b>		

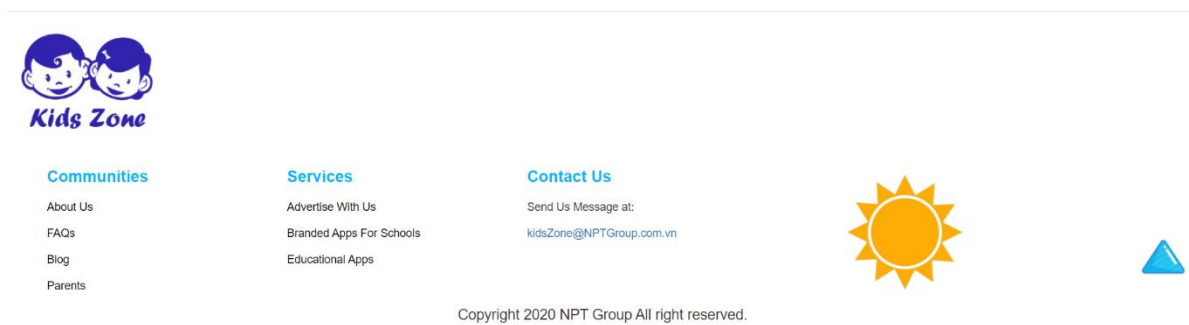


<b>Design Plan:</b> Kids Zone	<b>Document Name:</b> Screenshot	<b>SWD/Form No.05/SS/Ver1.0</b>
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#### 4. Header & Footer



#### Body Section



Description: the header and footer provide links to various pages of a website  
Every page shares the same design of header & footer.

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<b>Date</b>		

<b>Design Plan:</b> Kids Zone	<b>Document Name:</b> Testing Document	<b>SWD/Form No.06/TD/Ver1.0</b>
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## Testing document

No.	Aspect tested	Suggestion/ Remarks
1	Have all the modules been properly integrated and are they completely functional?	✓
2	Does each unit meet its objective and purpose? Are all the validations happening as specified in Process Design?	✓
3	Have all Design and Coding standards been followed and implemented	✓
4	Is the GUI design consistent all over?	✓
5	Are the codes working as per the specification?	✓
6	Does the application's functionality resolve the client problem, and satisfy his needs completely?	✓
7	Have the hardware and software been correctly chosen?	✓
8	Additional features and utilities that give value addition to the entire project.	✓

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No: 2</b>	LE THANH NHAN
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Kids Zone	<b>Document Name:</b> Final checklist	<b>SWD/Form No.07/FC/Ver1.0</b>
<b>Effective Date:</b> 13-Nov-20	<b>Version 1.0</b>	<b>Page No:</b> Page 19 of 20

## Final checklist

No.	Features tested	Yes	No	N/A	Remarks
1	Logo is on top left corner of the page	✓			
2	Consistent layout	✓			
3	Search box is provided on the home page	✓			
4	Content is useful and relevant to audience	✓			
5	Information adheres to user requirement e.g., size, font, color	✓			
6	Hyperlinks inside content are used to point to other relevant content	✓			
7	All content has been spell-checked, grammatically correct	✓			
8	A user feedback or problem reported capability is available	✓			
9	Consistent footer appears on every page of the site	✓			

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No: 2</b>	<b>LE THANH NHAN</b>
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Kids Zone	<b>Document Name:</b> Task Sheet	<b>SWD/Form No.08/TS/Ver1.0</b>
<b>Effective Date:</b> 13-Nov-20	<b>Version 1.0</b>	<b>Page No:</b> Page 20 of 20

## Task Sheet

No	Member	Contents	Page Name	Activity Plan	Date of Preparation of Activity Plan		
				Planned Start Date	Actual Start Date	Actual Days	Status
1	Nguyễn Ngọc Thiện	Home Page	homepage.html	13-Nov-20	15-Nov-20	3	Complete
3		Interactive pages including:					
4		Animal	Animal_Games.html	13-Nov-20	15-Nov-20	5	Complete
		Gallery for Animal	Gallery.html	13-Nov-20	15-Nov-20	5	Complete
5		Colour	penguin_types.html	13-Nov-20	20-Nov-20	5	Complete
			colour.html	13-Nov-20	20-Nov-20	5	Complete
1	Lê Nguyễn Thành Nhân	Categories / Menu	categories.html	13-Nov-20	15-Nov-20	3	Complete
2		Interactive pages including:					
3		Alphabet	alphabetical.html	13-Nov-20	15-Nov-20	5	Complete
4		Date and month	date.html	13-Nov-20	20-Nov-20	5	Complete
		Addition, Subtraction	math.html	13-Nov-20	25-Nov-20	5	Complete
		123, table of 2,3,4,5					
6		Other games	other.html	13-Nov-20	30-Nov-20	5	Complete
1	Bùi Nguyễn Duy Phương	Contact Us / Geo Map	Contactus.html	13-Nov-20	15-Nov-20	2	Complete
		About Us	aboutus.html	13-Nov-20	15-Nov-20	2	Complete
3		Interactive pages including:					
4		Some nursery rhymes with relevant images	Music.html	13-Nov-20	20-Nov-20	5	Complete
5		Some Vegetables	vegetable.html	13-Nov-20	25-Nov-20	5	Complete

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
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<b>Signature</b>		
<b>Date</b>		