



# FPT ACADEMY INTERNATIONAL FPT – APTECH COMPUTER EDUCATION

# **NailArt**

**Center Name** FPT – Aptech – HCM2

Address: 590 Cach Mang Thang Tam, District 3,

Ho Chi Minh City

**Instructor** Ms. Le Mong Thuy

**Class** T1.2109.E0

Group

Group members Name Student ID

Nguyễn Hoàng Quân Student1328433 Lê Văn Trường Student1333966

**Duration** Start date 22-Nov-2021 End date 22-Dec-2021

his is to certify that	
Mr.:	
Nguyễn Hoàng Quân	
Lê Văn Trường	
as successfully designed & developed	
eProject: NailArt	
Submitted by:	
Nguyễn Hoàng Quân	
authorized Signature:	

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### **ACKNOWLEGMENT**

On behalf of all the members of group 3, I would like to thank you all for the hard works, supports to make this eProject complete successfully. Especially, Ms. Le Mong Thuy, our teacher, she helped us a lot from the day that we started to study at FPT Aptech. With this eProject, she has guided us with her enthusiasm and rigorous, because of her guiding, we would be able to finish this project. Besides, I want to thank all the team member of group 3, each of the team member has been working in order to complete this project. The last but not least, we would like to say thank you to our family for always supporting us, creating the best conditions for us to focus on the project, and putting faith in the dreams we pursue.

### **SYNOSIS**

Nail art is a creative way to paint, decorate, enhance, and embellish the nails. It is a type of artwork that can be done on fingernails and toenails, usually after manicures or pedicures. Manicures and pedicures are beauty treatments that trim, shape, and polish the nails. Often, these procedures remove the cuticles and soften the skin around the nails. Types of manicures can vary from polish on natural nails to dipping powder and acrylic nails.

The nail-care industry has been growing like never before ever since the invention of modern nail polish. Nail art is also a way to create its own identity through fashion, using colours and shapes as a disruption of childhood and entering to the female teen/adult world, also leaving the influence of their parents to create their own selves.

Here we are aiming to design a website "NailArt" which will provide an easy way to learn nail art with various designs and steps involved.

### PROBLEM DEFINITION

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

1) The home page must describe the keywords or highlight the nail art designs with all navigation links defined.

- 2) The site should provide the brief information about nailart as from where it originated etc.
- 3) There should be a well designed menu with necessary sub menu options.
- 4) There should be various categories (forms and styles) like easy to design for kids, complex for elders.
- 5) There should also be categories of designs as Faces, geometric design, flowers etc. Minimum 5 categories are expected here.
- 6) Proper description of the design along with the image and steps must be added in the website.
- 7) Along with the nailart designs there should be a section which will showcase the various products and accessories for art like nail polish etc
- 8) Also there should be a section giving information about nail care.
- 9) About Us
- 10)Contact us page: contact us details with location should be displayed using GeoLocation API (eg. GoogleMaps).
- 11) Feedback form
- 12) Gallery section should be added.
- 13) Color combination must be uniform throughout the project.
- 14) Navigation must be smooth.

# CUSTOMER'S REQUIREMENTS SPECIFICATIONS (CRS)

Client: Mr. Aptech

#### **Business/Project Objective:**

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

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

You can revise the chapters before you start with the project.

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

It is very essential that a student has a clear understanding of the subject. Students should go through the project and solve the assignments as per requirements given.

Kindly get back to eProjects Team in case of any doubts regarding the application or its objectives.

#### Input to the system:

- Filter a list of products for that user selected in product page.
- Leave user comments after browsing the web.

#### **Output from the system:**

- Display comments when the user clicks on our Review/Evaluation page.
- See nail art related products.
- See different nail styles like faces, geometric designs, flowers, holiday designs etc and those categories are divided into kids and adults.
- The history of nail art and nail art related changes and upcoming trends can be read.
- The collection will show everyone the wonderful works that have been made in the palm of your hand.
- Learn more about manicure and pedicure.

#### Process:

- Display the content that the user clicked on.
- Display information of nail art related products.

#### **Expected delivery date:**

20-12-2021

#### **List of deliverables:**

- Document Word.
- User Guide.
- Source code.

# **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**

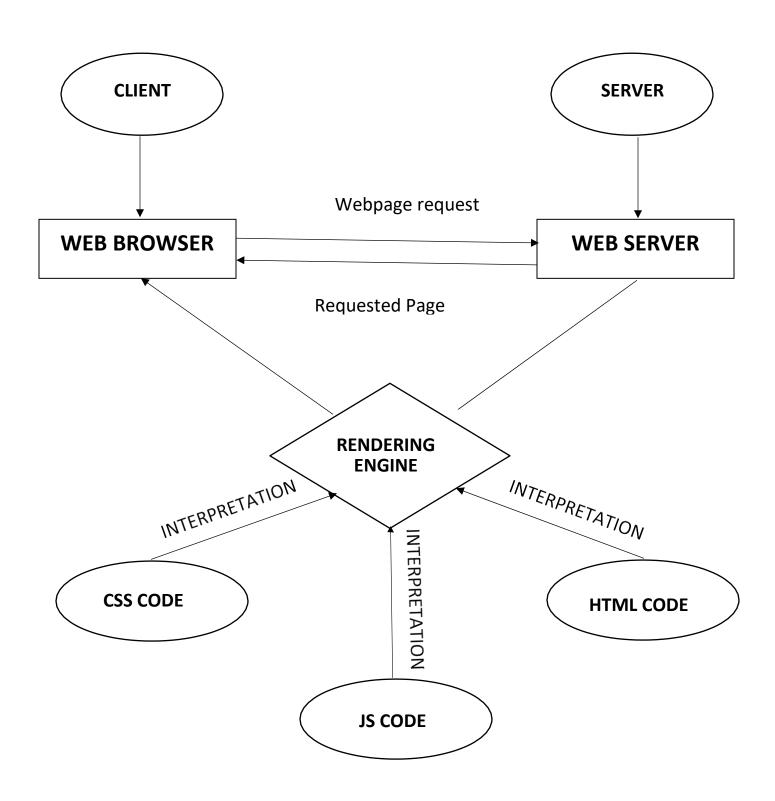
- Notepad/HTML editor
- Dreamweaver
- IE 5.0/ Netscape 6.0

# **SCOPE OF THE WORK (IN BRIEF)**

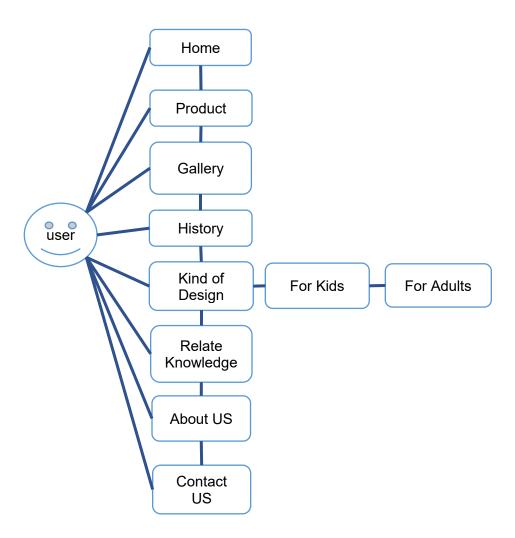
After a long and detailed discussion, our group has decided to create a website contain the following webpages:

- 1) Home page: describe the keywords or highlight the nail art designs with all navigation links defined.
- 2) Kinds of designs: Faces, geometric design, flowers etc. For kids and adults.
- 3) **Product:** Various art products and accessories like nail polish etc.
- 4) **About Us/Contact us:** About the members. Contact us details with location should be displayed using GeoLocation API (eg. GoogleMaps).
- 5) **History:** provide the brief information about nailart as from where it originated etc.
- 6) Review/Evaluation: Feedback form.
- 7) Gallery: Image
- 8) **Relate Knowledge**: The dangers of improper manicure.

# Architecture and design of the system



# Diagram of the website

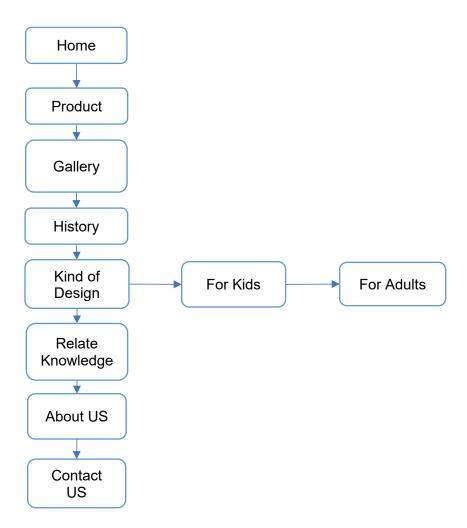


# **TASK SHEET REVIEW 1**

Project Ref. No.:  eP/Advertisement Portal Management System/01		Activity Project Plan Title: Prepared		Date of Preparation of Activity Plan:				
Sr. No.	Task		By:		Actual Start Date	Actual Days	Team Mate Names	Status
1	Problem Statement			22-Nov-21	1	Quan	Completed	
2	Analysis requirements about the website	NailAir	Nguyen	22-Nov-21	1	Quan	Completed	
3	The scope of the work (in brief)		Hoang	22-Nov-21	1	Quan	Completed	
4	Architecture and design of the system		Quan	22-Nov-21	1	Quan	Completed	
5	Diagram of the website			22-Nov-21	1	Quan	Completed	
6	Task Sheet			22-Nov-21	1	Quan	Completed	

Date: 23-11-2021	
Signature of Instructor:	Signature of Team Leader:
Ms. Le Mong Thuy	Nguyen Hoang Quan

# **SITE MAP**

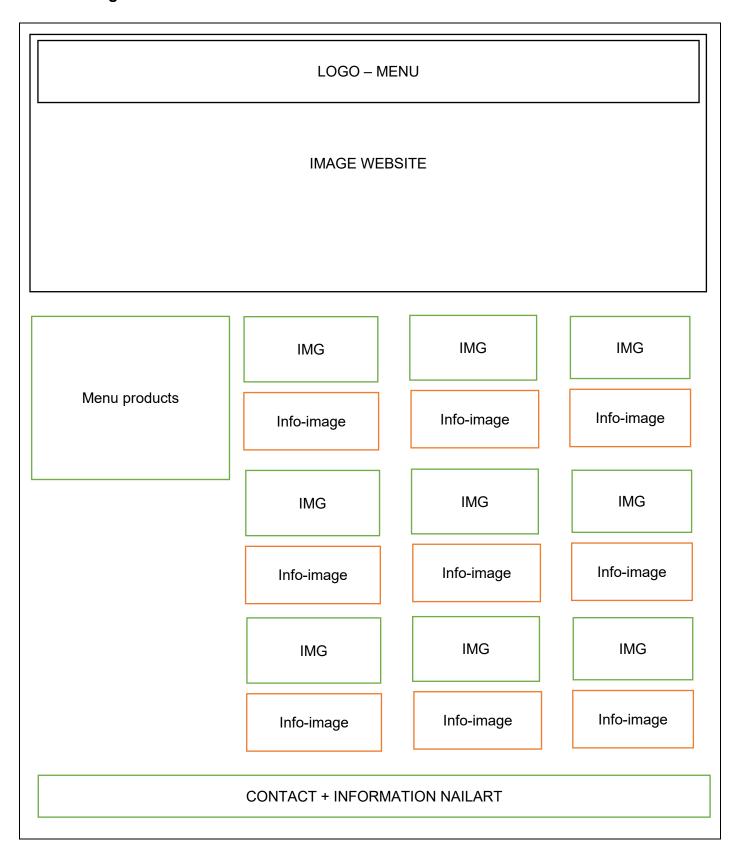


# **MOCK OF THE WEBSITE**

### 1. Homepage

LOGO – MENU							
IMAGE WEBSITE							
lmage1	Image1 Image2 Image3						
Info-image1	Info-image1 Info-image2 Info-image3						
Info 4 Info 5 Info 6							
Event							
CONTACT + INFORMATION NAILART							

### 2. Product Page



### 3. History

LOGO – MENU					
IMAGE WEBSITE					
Paragraph					
IMG	IMG				
Paragraph					
Footer					

LOGO – MENU	
Image-Grid	
<b>g</b>	

**CONTACT + INFORMATION NAILART** 

### 5. Kind of Design( Kids)

LOGO – MENU					
IMAG	E WEBSITE				
IMG + info					
	IMG + info				
IMG + info					
	IMG + info				
	IIVIG + IIIIO				
IMG + info					
IMG + TEXT + LINK					
CONTACT + INFORMATION NAILART					

### 6. Kind of design (adults)

IMG + info  CONTACT + INFORMATION NAILART	LOGO	– MENU				
IMG + info  IMG + info  IMG + info	IMAGE '	WEBSITE				
IMG + info  IMG + info  IMG + info						
IMG + info  IMG + info  IMG + info						
IMG + info  IMG + info  IMG + info	IMG + info					
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CONTACT + INFORMATION NAILART	IMG + info					
CONTACT + INFORMATION NAILART						
	CONTACT + INFO	RMATION NAILART				

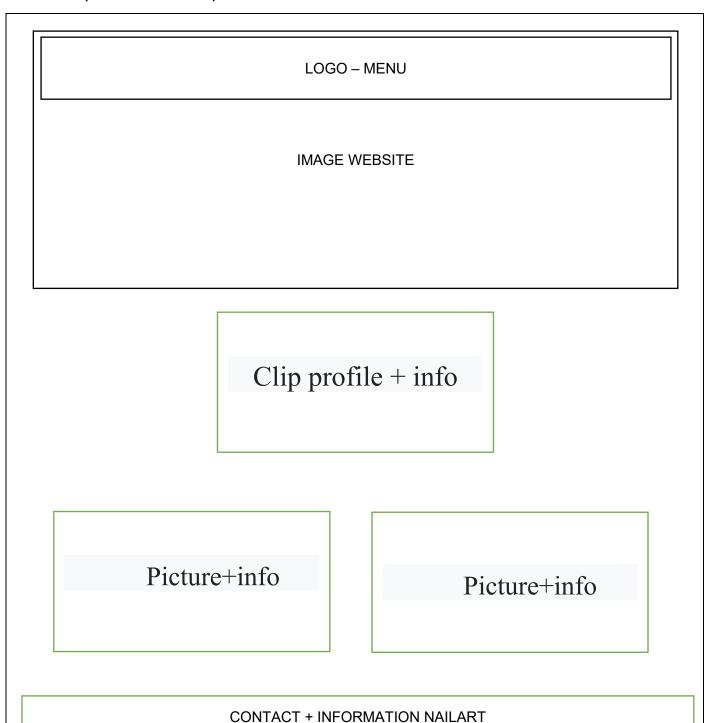
### 7. Relate Knowledge

	LOGO – MENU				
IMAGE WEBSITE					
Menu	Content + IMG				
CONTACT + INFORMATION NAILART					

### 8. Contact us

LOGO – MENU				
IMAGE WE	BSITE			
Tel,email address				
Support Center & Customer comment	Google map, Address of Park			
CONTACT + INFORI	MATION NAILART			

### 9. About Us (team infomation)



# **TASK SHEET REVIEW 2**

	Project Ref. No.: eP/Advertisement Portal Management System/01	Project Title:	Activity Plan Prepared	Date of Preparation of Activity Plan:		ty Plan:	
Sr. No.	Task		Ву:	Actual Start Date	Actual Days	Team Mate Names	Status
1	Site map			26-11-2021	1	Quan	completed
2	Mock of the website	NailArt	Nguyen	26-11-2021	1	Quan+	completed
			Hoang			Truong	
3	Task sheet		Quan	26-11-2021	1	Quan	completed

Date:26-11-2021				
Signature of Instructor:	Signature of Team Leader:			
Ms. Le Mong Thuy	Nguyen Hoang Quan			

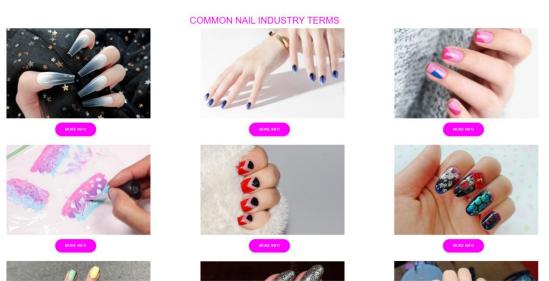
## WEBSITE DESCRIPTION

#### Home-page:

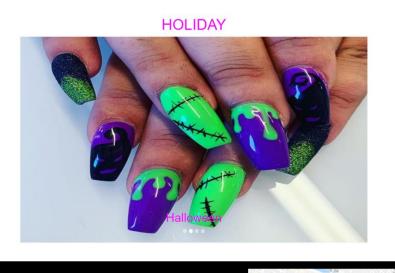
Description:

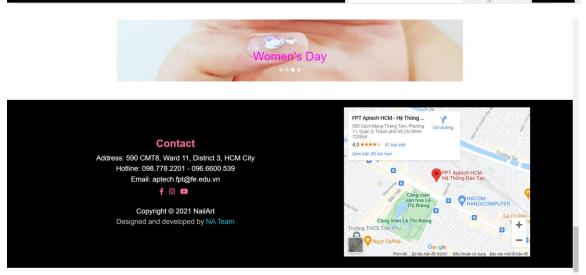
This webpage displays following information:common nail industry terms, Nail trends that "cause fever" around the world, holiday and contact.





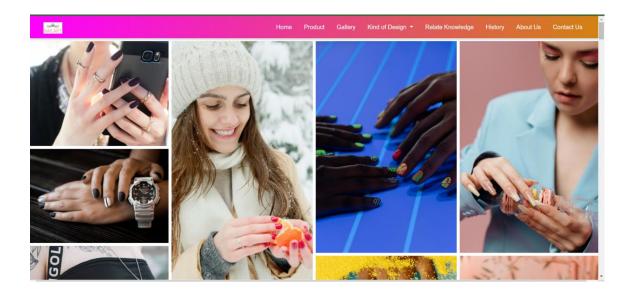


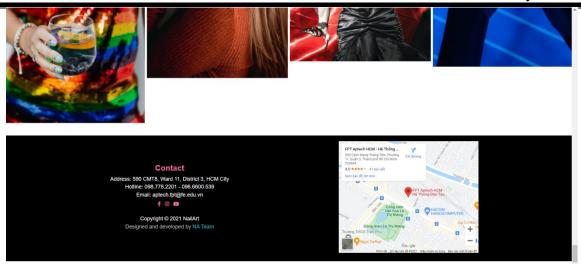




# **Gallery-page:** Description:

This webpage displays following information: beautiful photos and contact. Screenshoot



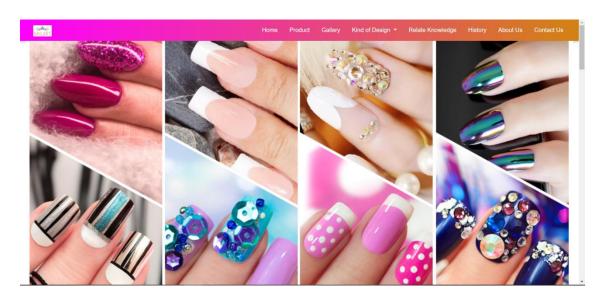


#### History-page:

Description:

This webpage displays following information: The origin of nail art, In popular culture, Social relevance, Media, Techniques and tools, Innovations, Notable nail artists and Contact.

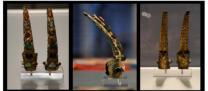
Screenshoot



#### The origin of nail art

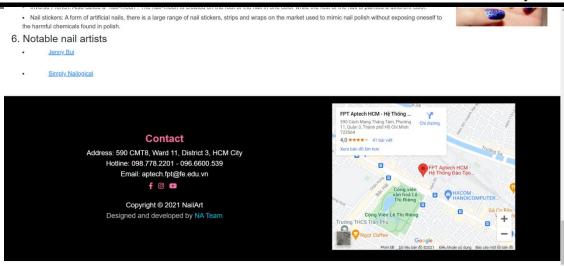
The exact origin of nail treatments is unclear, since it appears to have originated in different parts of the world around the same time. In ancient Egypt, from 5000 to 3000 BC, women would dye their nails with henna to indicate social status and seductiveness. Women of the lower class wore pastel and neutral shades, while the upper classes wore deep, bright shades. In Babylonia, 3200 BC, men, not women, painted their nails with black and green kohl, an ancient cosmetic. To prepare for war, warriors of Babylon spent hours having their nails prepared, hair curled, and other similar beauty treatments. As in ancient Egypt, nail color indicated one's status, black for noblemen and green for the common man. Around the same time, 3000 BC, the first nail polish originated in ancient China. It was made from beeswax, egg whites, gelatin, vegetable dyes, and gum arabic. Chinese dipped their nails in this mixture for several hours or left it on to dry. Colors ranged from pink to red, depending on the mixture of the ingredients. During the Zhou Dynasty, 600 BC, royalty used this simple nail polish with gold and silver dust on their nails to show their social status.





The Ming dynasty (1368-1644) was known for extremely long nails. Sometimes, these nails were protected by goldand jewel-encrusted nail guards. Servants performed personal chores for the royals so their nails did not break or
become damaged. Empress Dowager Cixi of China, who ruled from 1835 to 1908, was known for her outrageous
nails. Many photos show the empress with 6-inch-long gold guards protecting her long nails. All of the
aforementioned did not use nail art as it is widely known today, only stained, dyed, or dusted the fingernails and
toenalls. The first actual record of nail art was from the short-lived Inca Empire (1438-1533), which at that time was
one of the largest empires in South America. Incas decorated their nails by painting eagles on them. In 1770, the
first fancy gold and silver manicure sets were created. French King Louis XVI, who ruled from 1774 until his
deposition in 1792, always had his nails taken care of using these sets.

In the early 1800s, the modern manicure developed with the invention of the orange stick, a thin wooden stick with one pointy end, usually made from orange wood. It was invented in 1830, by Dr. Sitts, a European podiatrist, who adapted a dental tool for manicure purposes. Previous to this invention, people used acid, a metal rod, and scissors to shape and trim the nails. In 1892, Dr. Sitts' niece invented a nail-care line for women of any social class, which eventually reached United States salons. Prior to then, women had short, almond-shaped nails



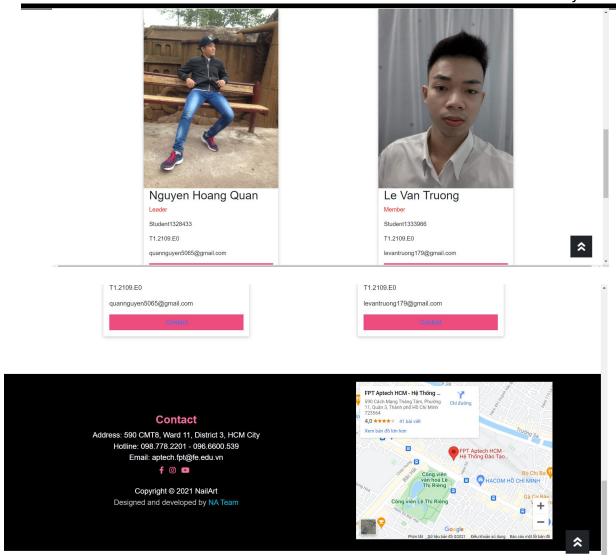
#### About Us-page:

Description:

This webpage displays following information:Profile about APTECH, our teams and Contact. Screenshoot



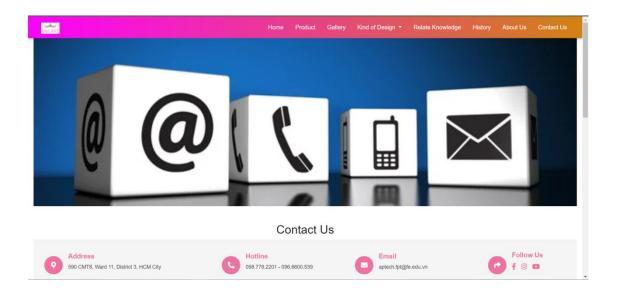


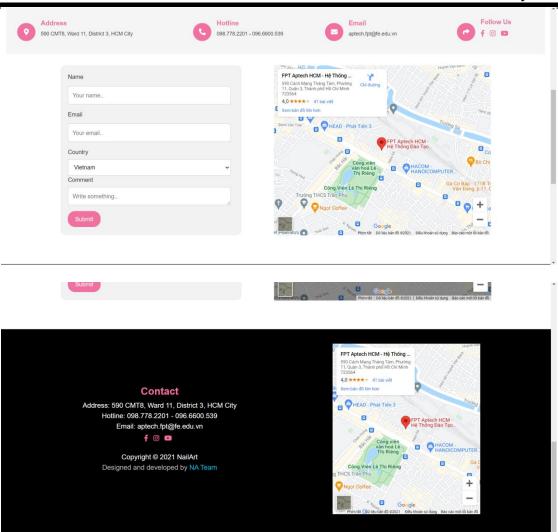


### **Contact Us-page:**

Description:

This webpage displays following information:Contact information, Form Feedback, Map and Contact.



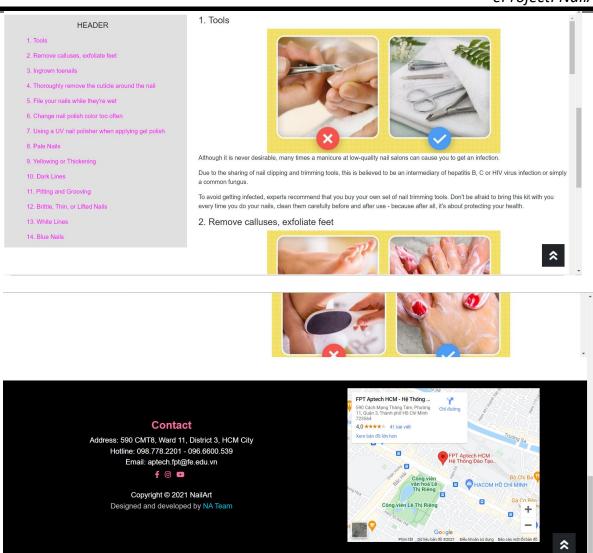


### Relate Knowledge:

Description:

This website displays the following information: Maps and Contacts, and Related Needs to Know About Nails.

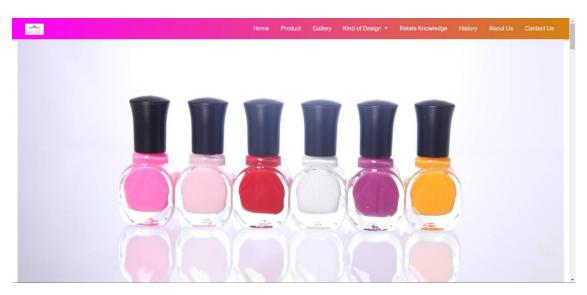


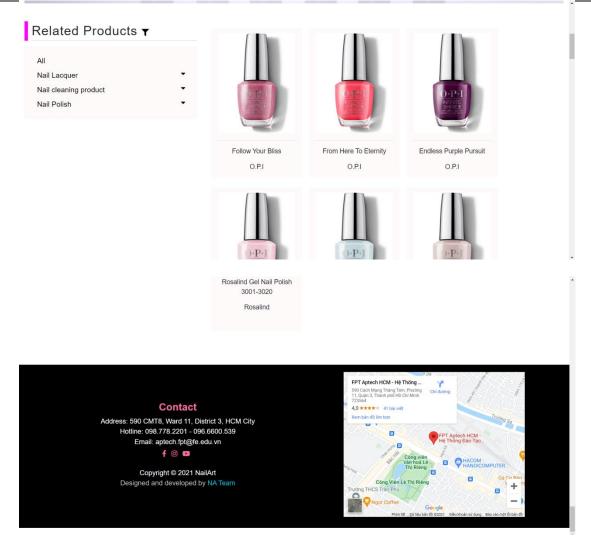


### **Product page:**

Description:

This website displays the following information: Maps and Contacts, and Nail Industry Related Products.

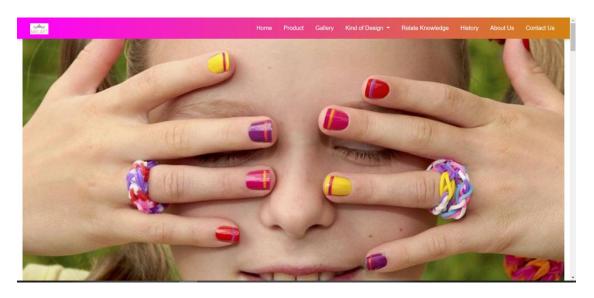




### Kind of design (kids):

Description:

This website displays the following information: Maps and Contacts, Children's Favorite Nail Art Patterns, how to make a nail design, and more.



#### How To Design A Nail Design Like That?

Creating beautiful nail designs requires regular practice. However, for the simple nail designs for kids, you just need to paint the nails with the base color and stick interesting shapes on the nails. Here are the



- · Paint your baby's nails with a base coat. It can then be painted in any color like pink, blue, green or black. You can also paint different colors on each nail. Make sure you dry the base coat properly,
- Notice that the second is a second to the second is a second is a second to the second is a
- funnel I will draw any intricate shape on the nail easily or you can also use a nail art pen to design.

  To spice up your baby's nails, try these ideas. If she's going to a party, add glitter on her nails. Use transparent glitter polish to cover the nail design to create a party atmosphere. If you want more shine on your nails, apply a glossy top coat over the model. This top coat can help protect your baby's nail designs.

#### Lovely Nail Design Ideas:

1. Food pictures on nails



Paint her nails any color she likes, for example bright yellow, dark green or deep pink. Decide what kind of food you want to paint on your nails. It can be ice cream, pies, pizza, or fruit like watermelon, pineapple,

2. Stripe Design



Paint your child's nails dark green or any fur color. The base coat will add a jungle feel to the nail design. On the background layer, draw animals such as bears, monkeys, giraffes, etc.

#### Adorable kids false nails modern moms MUST KNOW

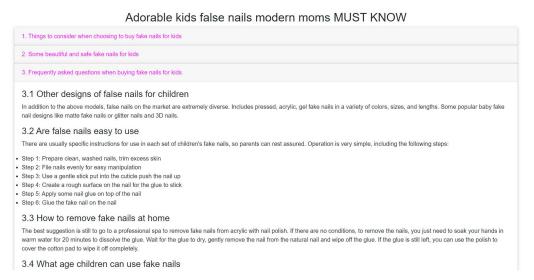
1.1 Quality comes first

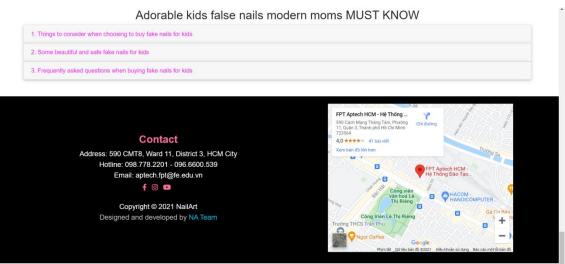
In addition to the aesthetic value that nails bring to children, parents need to pay attention to the origin, origin and composition of nail accessories. This ensures the safety of the baby's nail health.



1. Things to consider when choosing to buy fake nails for kids



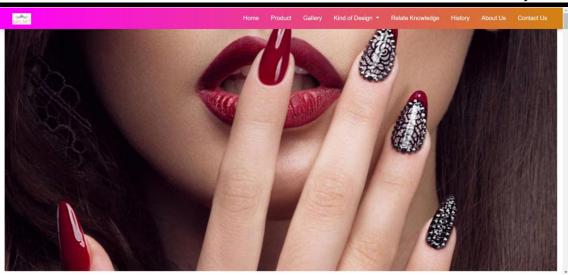




Kind of design (adults):

Description:

This website displays the following information: Map and Contacts, and 20 popular nail designs today.



#### 20 hottest simple, elegant and cute nail designs today

#### 1. Simple and elegant nail designs

Simple and elegant nail designs are loved by many women. This nail model has a design suitable for ladies who like glamour. Owing this nail model, you can easily mix and match makeup to confidently appear anywhere and in any situation.



#### 2. Cute simple nail designs

Cute simple nail designs often have simple, soft but also full of personnality designs that will help the hands of girls, students, office students become impressive. Owning this nail design hepls you have a perfect and beautiful appearance no matter where you appear.



#### 19. Simple pastel nail designs

Pastel nail sets bring gentle femininity but no less luxurious. Pastel colors are to put together, especially if you add some pretty little textures, nothing can be more perfect.

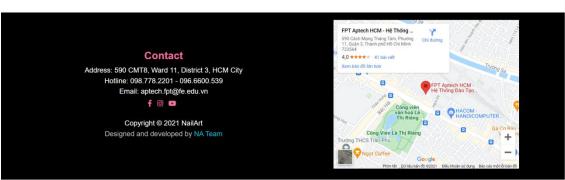


#### 20. Simple nail designs for dark skin

For dark skin, there are quite a few tones you can choose from such as dark tones, such as plum red, gray gray ... not only can significantly lighten skin tones but also bring a youthful charm to you. These







### Javascript:

This is the javascript for my button "back to top".

```
//Get the button
var mybutton = document.getElementById("myBtn");

//When the user scrolls down 40px from the top of the document, show the button
window.onscroll = function () { scrollFunction() };

function scrollFunction() {
   if [document.body.scrollTop > 40 || document.documentElement.scrollTop > 40] {
      mybutton.style.display = "block";
   } else {
      mybutton.style.display = "none";
   }
}

//When the user clicks on the button, scroll to the top of the document
function topFunction() {
   document.body.scrollTop = 0;
   document.documentElement.scrollTop = 0;
}
```

This is the javascript for my product page.

```
var element gifts = document.queryselectorAll(".element_gifts");
const filter button = document.queryselectorAll("#filter button .filter");
const filter_brand = document.queryselectorAll(".filter-brand");
//console.log(filter_button);
  var element_gifts = document.querySelectorAll(".element_gifts");
const filter_button = document.querySelectorAll("#filter_button .
const filter_brand = document.querySelectorAll(".filter-brand");
   filter_button.forEach(function (e) {
      e.addEventListener("click", function (e1) {
   //Click to get data filter
         element_gifts.forEach(function (e2) {
             let element_filter = e2.dataset.item;
            if (button_filter === element_filter || button_filter === "all") {
    e2.style.display = "block";
                e2.style.display = "none";
  //FILTER BY BRANDS
filter_brand.forEach(function (e) {
   e.addEventListener("click", function (e1) {
        let button_brand = e1.target.dataset.filter;
        // company law/button_brand);
         element_gifts.forEach(function (e2) {
  let element_filter = e2.dataset.brand;
  //console.log(element_filter);
```

### **TASK SHEET REVIEW 3**

	Project Ref. No.:						
eP/Advertisement Portal Management System/01		Project Title:	Plan	Date of Preparation of Activity Plan:			
Sr. No.	Task		Prepared By:	Actual Start Date	Actual Days	Team Mate Names	Status
1	Home page			30-11-2021	3	Quan	Completed
2	Gallery page	NailArt	Nguyen Hoang NailArt Quan	01-12-2021	1	Quan	Completed
3	History page			30-11-2021	3	Quan	Completed
4	About Us page			01-12-2021	1	Quan	Completed
5	Contact Us page			01-12-2021	1	Quan	Completed
6	Product page			05-12-2021	3	Quan	Completed
7	Kind of Design kids page			09-12-2021	2	Quan	Completed
8	Kind of Design Adults page			03-12-2021	1	Truong	Completed
9	Relate knowledge page			04-12-2021	1	Quan	Completed
10	Javascrip			08-12-2021	2	Quan + Truong	Completed
11	Check & fix code			10/12/2021	12	Quan + Truong	Completed
12							

Date: 22-12-2021					
ignature of Team Leader:					
Nguyen Hoang Quan					