

FPT ACADEMY INTERNATIONAL FPT – APTECH COMPUTER EDUCATION

PASCAL IMITATION JEWELRY

Supervisor: $L\hat{E} THANH NH\hat{A}N$

Semester: 1

Batch No: *T1.2008.E1*

Group No: 6

Order:	Full name	Roll No.
1.	NGUYỄN ANH TUẨN	Student1275057
2.	NGUYỄN THANH TÙNG	Student1275243
3.	NGUYỄN NHẬT NAM	Student1275240
4.	NGÔ SĨ PHÚ	Student1276119

Month: 11 Year:2020

		The same of the same
This is to	certify that	
Mr.	Nguyễn Anh Tuấn	
Mr.	Nguyễn Thanh Tùng	
Mr.	Nguyễn Nhật Nam	
Mr.	Ngô Sĩ Phú	
Have succ	essfully Designed & Developed	
I	Pascal imitation Jewelr	<u>y</u>
Submitted	by:	
	Mr. LE THANH NHAN	
Date of Iss	sue:	
Authorized Sig	nature:	
	- -	

Menu

- 1. Acknowledge
- 2. Synposis
- 3. Problem Difination
- 4. Customer Requirements Specifications
- 5. Harware And Software Require
- 6. Architecture And Design Of Product
- 7. Site Map
- 8. Home Page
- 9. Testing Documentation- Project Guild
- 10. Final Check
- 11. Task Sheet Final

Design Plan:	Document Name : Problem definition	SWD/Form No.1/PD/ver1.0
Effective Date : 11/7/2020	Version 1.0	Page No : 1/20

I. PROJECT ACKNOWLEDGE

As we understand that 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 project implementation at your finger tips. An electronic, live junture on that machine that allow you to:

- Practice step by step i.e. Laddered approach.
- Build a larger 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 phrase manner.
- Enhance skills and add value.
- Work on real life projects.
- Give a real life scenario and helps to create applications more complecated and useful.
- Mentoring through email support.

II. SYNPOSIS

Pascal imitation jewelry is the one of leading manufacturers in jewelry industry. Most of customers are in middle class and high class, so we need to create a website that must satisfy all elements as:

- a. Must look gorgeous and luxurious
- b. Not just a window or a product shelf but also a friendly and convenience assisstant for shopping.
- c. Run smoothly and smartly

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 6	LÊ THANH NHÂN
Signature		
Date		

Design Plan:	Document Name : Problem definition	SWD/Form No.1/PD/ver1.0
Effective Date : 11/7/2020	Version 1.0	Page No : 2/20

- d. Enhance the features of products and following acessories.
- e. Include the important details such as company adress, customer's reviews and gaurantee information to build up company reputation.

III. PROBLEM DEFINATION (NO1/PD/VER1.0)

PROBLEM DEFINITION

"PASCAL IMITATION JEWELLERY" is one of the leading manufacturers and suppliers of Precious, Semi precious and Artificial Jewelry. They sell them under different brand names. The Quality of the products are renowned for striking features such as smooth polish, stunning design and excelling clarity, look and feature, luster. The shop owner wishes to have the website of the jeweler shop where they want to describe all the type, brands of the product.

FUNCTIONAL DESCRIPTION

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

Home Page

- Describe the keywords or highlight of the shop along with all navigation link defined.
- Introduce the product of the shop (brand, material, price...).
- Navigative bar must be smooth and links to the necessary content in each specific item.

Product

- The product tab is categorized as per the "Brand".
- Proper descriptions of the products along with the image are added in the website.

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 6	LÊ THANH NHÂN
Signature		
Date		

Design Plan:	Document Name : Problem definition	SWD/Form No.1/PD/ver1.0
Effective Date: 11/7/2020	Version 1.0	Page No : 3/ 20

- Product tab should be followed by sub-category with the types:
 - Original.
 - Semi Precious.
 - Artificial.
- Comparison of the product must be included in the website.

Gallery

Gallery section includes all the products of shop.

Contact Us

- The "Contact Us" page 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 displayed using GeoLocation API (eg. GoogleMaps).

About Us.

• Including informations about and the manufacturer.

Feedback form.

• There will be "Forms" for users to leave their informations or contact. (The form is designed based on the necessary information such as: personal information, message ...)

IV. CUSTOMER REQUIREMENTS SPECIFICATIONS (NO2/CRS/VER.1.0)

USERS

- Access and refer to the information placed on the website.
- View the gallery section.
- Compare products through out the style, material and price.

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 6	LÊ THANH NHÂN
Signature		
Date		

Design Plan:	Document Name : Problem definition	SWD/Form No.1/PD/ver1.0
Effective Date : 11/7/2020	Version 1.0	Page No : 4/ 20

- Choose and add the favourite product to the cart.
- Contribute ideas, feedback or suggestions to the admin.

WEBMASTER

- Change the content, images and layout of the website.
- Manage interactive user information to website.
- Manage when there are transactions from customers.
- Acknowledge customer feedback to improve service quality

RESTRICTIONS OF THE PROJECT

Because of the limited project implementation time, we still have unrealized limitations on this website:

- Integrated database connection technology (to collect, process and store user information).
- Manage when there are transactions from customers.

DATA PROCESSING

USERS

INPUT

- Keyword information about concerned items.
- Contact informations.
- Feedback message.

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 6	LÊ THANH NHÂN
Signature		
Date		

Design Plan:	Document Name : Problem definition	SWD/Form No.1/PD/ver1.0
Effective Date : 11/7/2020	Version 1.0	Page No : 5/ 20

PROCESS

- View details of products.
- View information of manufacturer.
- Choose and Comparison.
- Add favourite products to the cart.
- Conduct transaction.

OUTPUT

Users will receive the following notifications:

- Successful feedback message.
- Notice of successful cart change
- Notice of successful transaction.

WEBMASTER

INPUT

- Login information to administer the website
- Information to change / add or delete: Updates on price changes, features of each product, articles that change seasonally ...
- Deletion of product informations that is out of store.
- Get feedback and reviews from users.

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 6	LÊ THANH NHÂN
Signature		
Date		

Design Plan:	Document Name : Problem definition	SWD/Form No.1/PD/ver1.0
Effective Date : 11/7/2020	Version 1.0	Page No : 6/ 20

PROCESS

- Change / add / remove products.
- Update price.
- Manage transactions from customers.
- Reply / delete messages from users.

OUTPUT

The website manager will place the following message:

- Successful/failure searching product.
- Successful/failure adding items to cart.
- Respond to success / failure order.
- Successful/failure sending feedback.

V. HARDWARE/SOFTWARE REQUIREMENTS

USER

Hardware

PC: from Pentium 3 or upper.

RAM: from 256 MB or upper.

Software

OS from Windows XP.

IE 5.0/ Netscape 6.0...

	Prepared by (Student)	Approved by (Faculty)
	Project Group No : 6	LÊ THANH NHÂN
Signature		
Date		

Design Plan:	Document Name : Problem definition	SWD/Form No.1/PD/ver1.0
Effective Date : 11/7/2020	Version 1.0	Page No : 7/ 20

WEBMASTER

Hardware

PC: from Pentium 4 or upper.

RAM: from 512 MB or upper.

Software

Notepad/HTML editor.

OS from Windows XP.

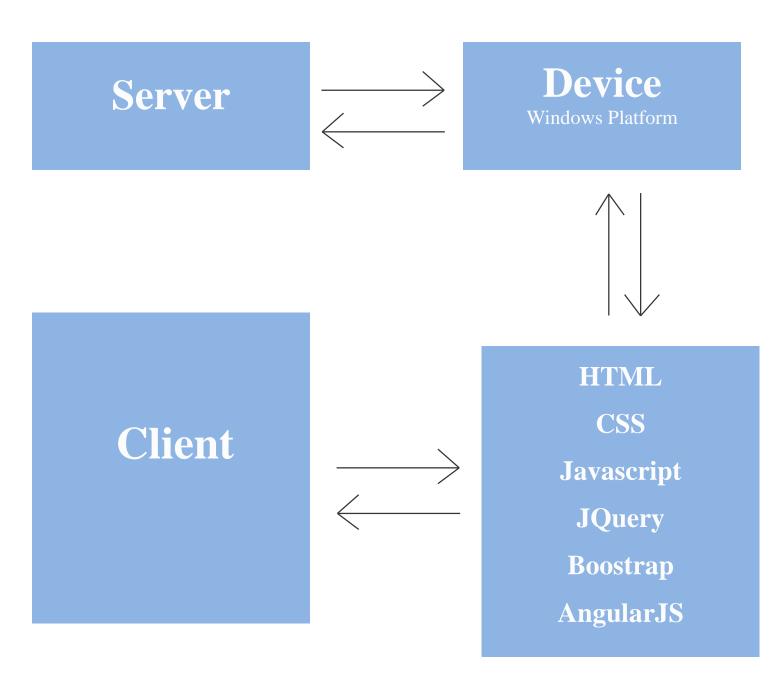
Dreamweaver.

IE 5.0/ Netscape 6.0...

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 6	LÊ THANH NHÂN
Signature		
Date		

Design Plan:	Document Name : Problem definition	SWD/Form No.1/PD/ver1.0
Effective Date: 11/7/2020	Version 1.0	Page No: 8/20

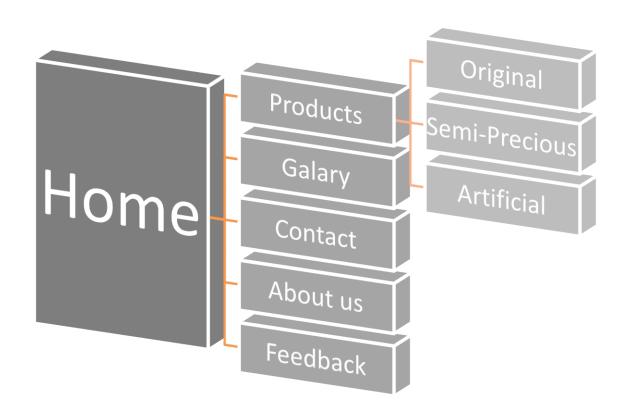
VI. ARCHITECTURE AND DESIGN OF PRODUCT



	Prepared by (Student)	Approved by (Faculty)
	Project Group No : 6	LÊ THANH NHÂN
Signature		
Date		

Design Plan:	Document Name : Problem definition	SWD/Form No.1/PD/ver1.0
Effective Date : 11/7/2020	Version 1.0	Page No : 9/ 20

VII. SITE MAP



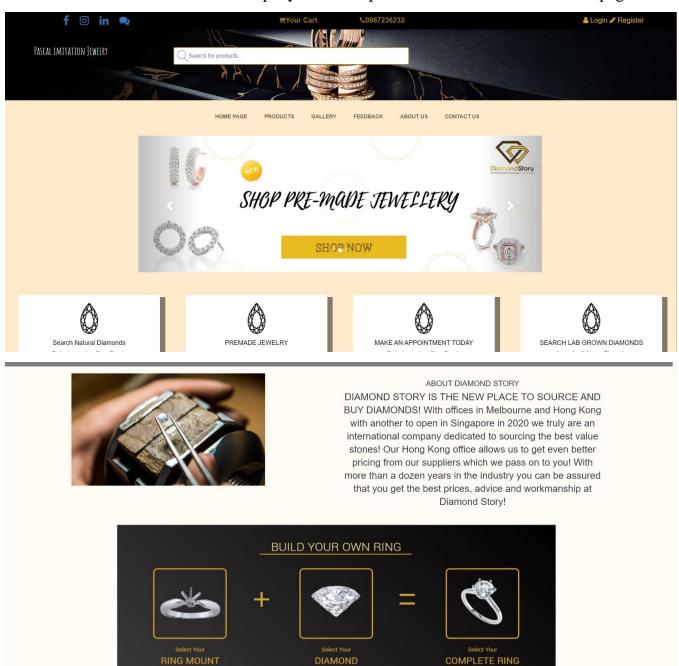
VIII. SCREENSHOT

a. Homepage:

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 6	LÊ THANH NHÂN
Signature		
Date		

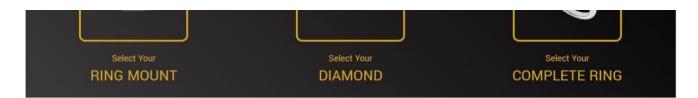
Design Plan:	Document Name : Problem definition	SWD/Form No.1/PD/ver1.0
Effective Date: 11/7/2020	Version 1.0	Page No : 10/20

Describe: Introduce website and company –From: Open when Web load – To: others page



	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 6	LÊ THANH NHÂN
Signature		
Date		

Design Plan:Document Name: Problem definitionSWD/Form No.1/PD/ver1.0Effective Date: 11/7/2020Version 1.0Page No: 11/20









OUR PROMISE























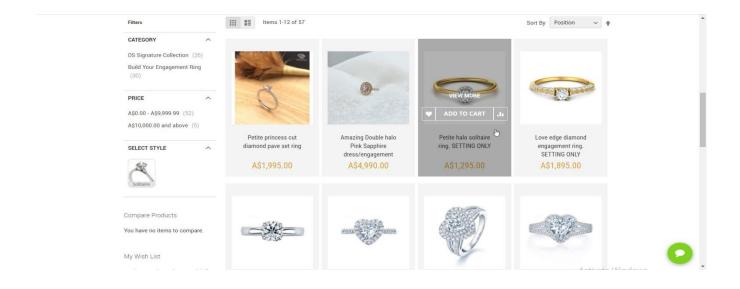
IINK AND INFO

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 6	LÊ THANH NHÂN
Signature		
Date		

Design Plan:	Document Name : Problem definition	SWD/Form No.1/PD/ver1.0
Effective Date : 11/7/2020	Version 1.0	Page No : 12/20

b. Product:

Describe: Show Products and services –From: Homepage – To: others page

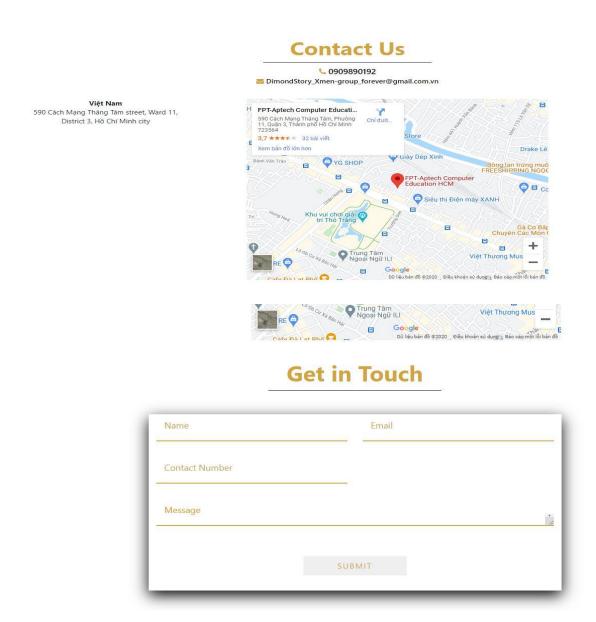


	Prepared by (Student) Approved by (Faculty)	
	Project Group No : 6	LÊ THANH NHÂN
Signature		
Date		

Design Plan:	Document Name : Problem definition	SWD/Form No.1/PD/ver1.0	
Effective Date: 11/7/2020	Version 1.0	Page No : 13/20	

c. Contact page:

Describe: Show information to contact–From: Homepage – To: others page



	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 6	LÊ THANH NHÂN
Signature		
Date		

Design Plan:	Document Name : Problem definition	SWD/Form No.1/PD/ver1.0
Effective Date : 11/7/2020	Version 1.0	Page No : 14/ 20

d. About us, gallery and feedback page

Describe: Show company's history and message –From: Homepage – To: others page



About Pascal imitation Jewelry Story

Pascal imitation jewelry (PIJ) Story is the new place to source and buy diamonds and jewelry!

With offices in Melbourne and Hong Kong with another to open in SE Asia we truly are an international company dedicated to sourcing the best value stones! Our Hong Kong office allows us to get even better pricing from our suppliers which we pass on to you!

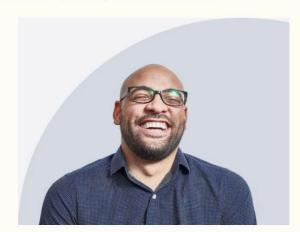
With more than a dozen years in the industry you can be assured that you get the best prices, advice and workman ship

1. Please give us a little time to help us improve services. 1. How did you hear about us? 2. Were your expectations met, unmet, or exceeded? 3. Did our employees or customer service staff help you? 4. What, if any, products, services, or features are we missing? 5. What did you enjoy most about your experience? Text here... 6. Please rate us from 1 to 5 stars

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 6	LÊ THANH NHÂN
Signature		
Date		

Design Plan:	Document Name : Problem definition	SWD/Form No.1/PD/ver1.0	
Effective Date: 11/7/2020	Version 1.0	Page No : 15/20	

II. Our dear customer, John said about us



Amazing!! Can't recommend Pascal imitation Jewelry enough. Staffs are so efficient at getting back with quotes, and works with you to customise and fit your budget. He sourced our engagement ring diamond 7 years ago and has since completed several beautiful items for my wife and our family members special birthdays! Not just diamonds, beautiful gold jewellery

as well.

Google reviews

Google reviews Rob Harwood Jie Xuan, Steve Michael Harris Jun 22, 2020 31, 2020 Sep 18, 2020 Jul 8, 2020 **** $\star\star\star\star\star$ $\star\star\star\star\star$ The diamonds I couldn't have had a My partner had found Great earrings for my wife communication, best better experience Diamond Story online (10 year anniversary) value for money in working with Aaron after googling ring re-Australia. this week are and Diamond Storey. sizing in Melbourne. spectacular. Paul Not knowing where to We had ordered wedd:---found the perfect pair start when it comes Anh Phung "It was a great experience buying in pandemic time. There was only quick meeting outdoor on deliver to my specs and with to an engagement and th G Google ****

	Prepared by (Student) Approved by (Faculty)	
	Project Group No: 6	LÊ THANH NHÂN
Signature		
Date		

Design Plan:	Document Name : Problem definition	SWD/Form No.1/PD/ver1.0
Effective Date: 11/7/2020	Version 1.0	Page No: 16/20

IX. TESTING DOCUMENTATION- PROJECT GUILD

• Password:

- 1. Can't let it blank
- 2. More than 6 and less than 12 characters, include all numbers and text.

• Telephone number:

- 1. It is only numbers and not blank
- 2. Less than 12 numbers

• Email:

- 1. Can't let blank on head and middle of input, must have @ and address name.
- 2. First name and last name:
- 3. Not in blank

• Address:

Not in blank and must include both text and number.

	Prepared by (Student) Approved by (Faculty)	
	Project Group No: 6	LÊ THANH NHÂN
Signature		
Date		

Design Plan:	Document Name : Problem definition	SWD/Form No.1/PD/ver1.0	
Effective Date : 11/7/2020	Version 1.0	Page No : 17/ 20	

X. FINAL CHECK

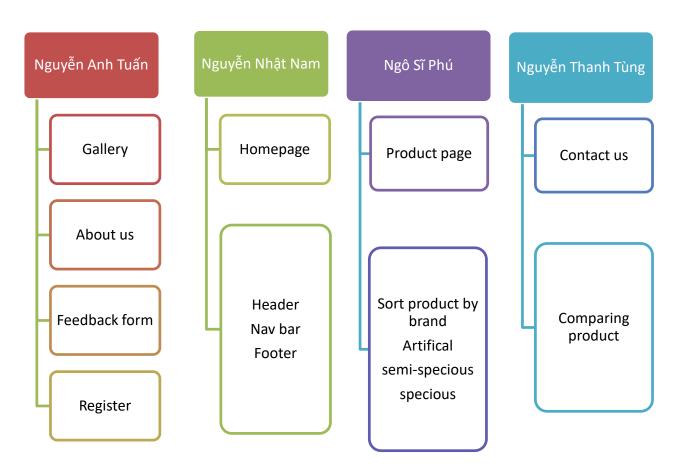
<u>List of objectives</u>		Status	
		Yes	No
1.	Do all the web links lead to appropriate website?	٧	
2.	Do all image links lead to appropriate website?	٧	
3.	Are all image and links visible on website?	٧	
4.	Is the web page opening properly in all tests web browsers?	٧	
5.	Is the web page taken too long to load?		٧
6.	Is the navigator sequences correct through all the web page on the site?	٧	
7.	Is the JavaScript working as expected in all click events?	٧	

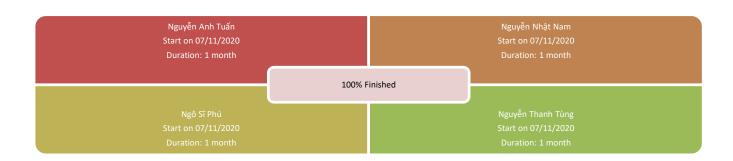
	Particulars	Yes	No	NA	Comment
1	Have all users able to view the images and links?	٧			
2	Have all views, modules, and controller been properly	٧			
	intergrated and is the site function as a single page				
	application?				
3	Are the GUI content devoid of speeling mistakes?	٧			
4	Is the application user friendly?	٧			
5	Is the website launchinh correctly in browser?	٧			

	Prepared by (Student)	Approved by (Faculty)
	Project Group No : 6	LÊ THANH NHÂN
Signature		
Date		

Design Plan:	Document Name : Problem definition	SWD/Form No.1/PD/ver1.0
Effective Date : 11/7/2020	Version 1.0	Page No: 18/ 20

XI. TASK SHEET FINAL





	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 6	LÊ THANH NHÂN
Signature		
Date		

Design Plan:	Document Name : Problem definition	SWD/Form No.1/PD/ver1.0
Effective Date: 11/7/2020	Version 1.0	Page No : 19/20



We would like to send a great thank to our teacher Nhan Le Thanh for the great support and guiding us during the project time.

We also thank you so much for your information and "demo" project from INDIA APTECH to help us get more reality experience in this project. This is our chance to improve our skills on HTML, JAVASCRIPT and CSS also BOOSTRAP and JQUERY. We will not stop learning and exploring the new things in the future.

Your sincerely,

Team group 6

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 6	LÊ THANH NHÂN
Signature		
Date		

Design Plan:	Document Name : Problem definition	SWD/Form No.1/PD/ver1.0
Effective Date: 11/7/2020	Version 1.0	Page No: 1/20

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 6	LÊ THANH NHÂN
Signature		
Date		

USER GUIDE Pascal imitation jewelry

I. Overview

This website contains

Before you begin, please make sure that you have a working internet connection.

Click on home.html locate the folder source file to get start

II. Instruction

This section contain some instruction on how to navigate the website:

1. Header

On header bar page has two sections:

On the first section, you will see the facebook fanpage, instagram, linkin and messenger icons which are linking to the other media pages. Next to them, you would see cart and hot-line number which is designed for buyer to put products into and easily contact to customer service. And at the end of first section is register number link which buyer can access or register new member account.

2. Logo

On the second section of header, the logo and website name is located on the top left of the page.

When you click on it, you will access on the homepage

On the middle of it, there is a search bar which is easily for buyers to search directly to needed products.

3. Navigation bar

Navigation bar contain information about all main pages of website, located right under header.

To go to particular page, click on the page name in navigation bar:

For example, If you want to go to:

- Home page, please click on Home or logo website
- To go to product page, please click on PRODUCT
- To go to gallery page, please click on GALLERY
- To go to feedback page, please click on FEEDBACK
- To go to about us page, please click on ABOUT US
- To go to contact us page, please click on CONTACT US

On each LINK, there are a sub-menu containing links to other sections of this pages. You can go directly to every section on them.

4. Footer

This area contain general informaion about what we graurantee to customer and method of payment.

III. Information about the web pages

This section contain some information as below:

1. Home page

Home page contains some information as below:

Navigated menu

Gallery slide, we can use for promotion's banner or some highlighted activities that the company want to share the most.

Convience buttons, containing links where you can easily to search natural diamonds, premade jewelry, make appointment today and search lab grown diamonds.

The next section on home page is a little information about Pascal imitaion jewelry. There are a button named VIEW MORE which is linking to about us page.

Next is where you can create yourself ring by combining diamond and available sample of ring.

And the next section, this is our services on reparing, resizing and polishing.

2. Gallery page

Gallery page contains 4 sections :

The first one is jewelry and diamond bar. You will see the sample of our jewelry and diamond. The second one is model bar which includes all photos of our model and their images with our jewelry.

The third one is out-door activities bar which includes all photos of our team building activities and outdoor activities, meeting up each other.

And the finally section, you can easily upload your photos with us and we will collect to push them on our pages.

3. About us page

In this page, we show all information about our details as:

Our story: we will tell you about how we create a business and what is our inspiration.

Our service : Custom design of all manner of jewellery including engagement rings, wedding bands, couple rings, earrings, pendants and bracelets

Our graurantee : where we give information such as lowest price, 100% money back, free lifetime professional clearning.

And our staffs:

All of our member since foundation date

.

4. Feedback form

Where customers can give back our feedback to improve our product and service.

A form where customer has to fill in all correction format.

A review part to help customer minding their review.

A feature reviews.

5. Contact page

This page include our geolocation which is linking to google map so customer can easily get to us. It also include our email, hotline number and our address.