

# Crystal Product

**Supervisor:** *LÊ THANH NHÂN*

**Semester:** *01*

**Batch No:** *T5.2306.E1*

**Group No:** *06*

Order:	Full name	Roll No.
<i>1.</i>	<i>Phan Van Duy</i>	<i>Student1470114</i>
<i>2.</i>	<i>Nguyen Tien Dat</i>	<i>Student1477469</i>
<i>3.</i>	<i>Pham Tuyen</i>	<i>Studen1477478</i>

***Month: 09 Year: 2023***

This is to certify that

**Mr. PHAN VAN DUY**

**Mr. NGUYEN TIEN DAT**

**Ms. PHAM TUYEN**

Have successfully Designed & Developed

**CRYSTAL PRODUCT**

Submitted by:

**Mr. LE THANH NHAN**

Date Of Issue:

Authorized Signature:

# Content

Content

Acknowledge

Synopsis

Review1 .....(điền số trang theo thực tế)

Review2 .....(điền số trang theo thực tế)

Review3 .....(điền số trang theo thực tế)

Testting Document .....(điền số trang theo thực tế)

Final Checklist .....(điền số trang theo thực tế)

Tasksheet .....(điền số trang theo thực tế)

# 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. ladder 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.

Providing detailed and accurate information about each product. Integrating advanced search technology so that customers can easily search for products. Securing customer information and transactions. Providing quick and efficient customer support. With these improvements, the website will provide the best shopping experience for customers and establish a reputable brand in the online crystal selling industry.

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.

<b>Design Plan:</b> Crystal Product	<b>Document Name:</b> Problem Definition	<b>SWD/Form No.02/CRS/Ver1.0</b>
<b>Effective Date:</b> 09-09-2023	<b>Version</b> 1.0	<b>Page No: 2 of 14</b>

## Problem Definition

### 1. Problem definition :

In today's e-commerce world, online shopping has become popular. Crystal is a product that many people love because of its sparkling beauty and the feng shui meaning it brings. However, finding a reputable and quality website specializing in selling crystals is not easy. Many existing websites do not provide enough information about the product, do not have an effective search function, or do not secure customer information. The goal of this project is to build an online store specializing in crystals, providing customers with the best shopping experience.

### 2. Identify the problem:

- Provide product information to customers (photos, sizes,...)
- Provide details about the product's ingredients and uses
- Provide full ordering facilities
- Provide customer management functions
- Provide maximum sales links through social networks
- Provide a support page for customer inquiries and requests

### 3. Customers:

- Can view product information
- Easily choose products and pay online
- Can view information about the business
- Can give suggestions to businesses.

## Customer Requirements Specifications

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No: 06</b>	<b>Le Thanh Nhan</b>
<b>Signature:</b>		
<b>Date: 09/09/2023</b>		

<b>Design Plan:</b> Crystal Product	<b>Document Name:</b> Problem Definition	<b>SWD/Form</b> No.02/CRS/Ver1.0
<b>Effective Date:</b> 09-09-2023	<b>Version</b> 1.0	<b>Page No:</b> 3 of 14

## User:

### Input data:

1. User selects energy stone type and quantity, then enters payment and shipping information
2. The user clicks on the input to view ice quantity information

### Process data:

3. The system downloads information about the amount of stone from the database or from the web.
4. System validity checks payment and delivery information, authenticates orders and sends authentication emails to users
5. The system will filter information that matches the search keyword.

### Output data:

6. The system will filter information that matches the search keyword
7. Notify the order success and send a confirmation email to the user
8. Display matching products, otherwise the search message will fail

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No: 06</b>	<b>Le Thanh Nhan</b>
<b>Signature:</b>		
<b>Date: 09/09/2023</b>		



<b>Design Plan:</b> Crystal Product	<b>Document Name:</b> Problem Definition	<b>SWD/Form No.02/CRS/Ver1.0</b>
<b>Effective Date:</b> 09-09-2023	<b>Version</b> 1.0	<b>Page No: 4 of 14</b>

## Webmaster:

### Input Data:

- Admin enters search for energy stone products (view, add, edit, delete)
- Admin enters order and delivery information (view, edit, delete, track)
- Admin enters order and delivery information (view, edit, delete, track)
- Admin enters information about advertising campaigns (view, add, edit, delete)

### Process Data:

- The system provides an interface for admins to view, add, edit, and delete energy stone products on the database.
- The system provides an interface for admins to view, add, edit, and delete energy stone products on the database.
- The system provides an interface for admins to view, edit, delete, reply to customer information and feedback on databases and emails.
- The system provides an interface for admins to view, add, edit, and delete advertising campaigns on media channels and social networks.

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No: 06</b>	<b>Le Thanh Nhan</b>
<b>Signature:</b>		
<b>Date: 09/09/2023</b>		

<b>Design Plan:</b> Crystal Product	<b>Document Name:</b> Problem Definition	<b>SWD/Form No.02/CRS/Ver1.0</b>
<b>Effective Date:</b> 09-09-2023	<b>Version</b> 1.0	<b>Page No: 5 of 14</b>

### Output :

- Notification of success and updates after performing the operation.
- Notification of success and updates after performing the operation.
- Notification of success and updates after performing the operation.
- Notification of success and updates after performing the operation.

## Hardware / software requirement:

### Software:

#### Server Software:

- OS: Windows Server 2016
- Web Browser: IE 11
- SQL Server 2017
- OS: Linux.
- Internet Information Services (IIS)

#### Cilent Software:

- Web Browser: IE11

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No: 06</b>	<b>Le Thanh Nhan</b>
<b>Signature:</b>		
<b>Date: 09/09/2023</b>		

<b>Design Plan:</b> Crystal Product	<b>Document Name:</b> Problem Definition	<b>SWD/Form No.02/CRS/Ver1.0</b>
<b>Effective Date:</b> 09-09-2023	<b>Version</b> 1.0	<b>Page No: 6 of 14</b>

## **Hardware:**

### **Server Hardware:**

- CPU: Intel Core i7
- RAM: 16 GB
- SSD : 500 GB
- Network : Gigabit Ethernet

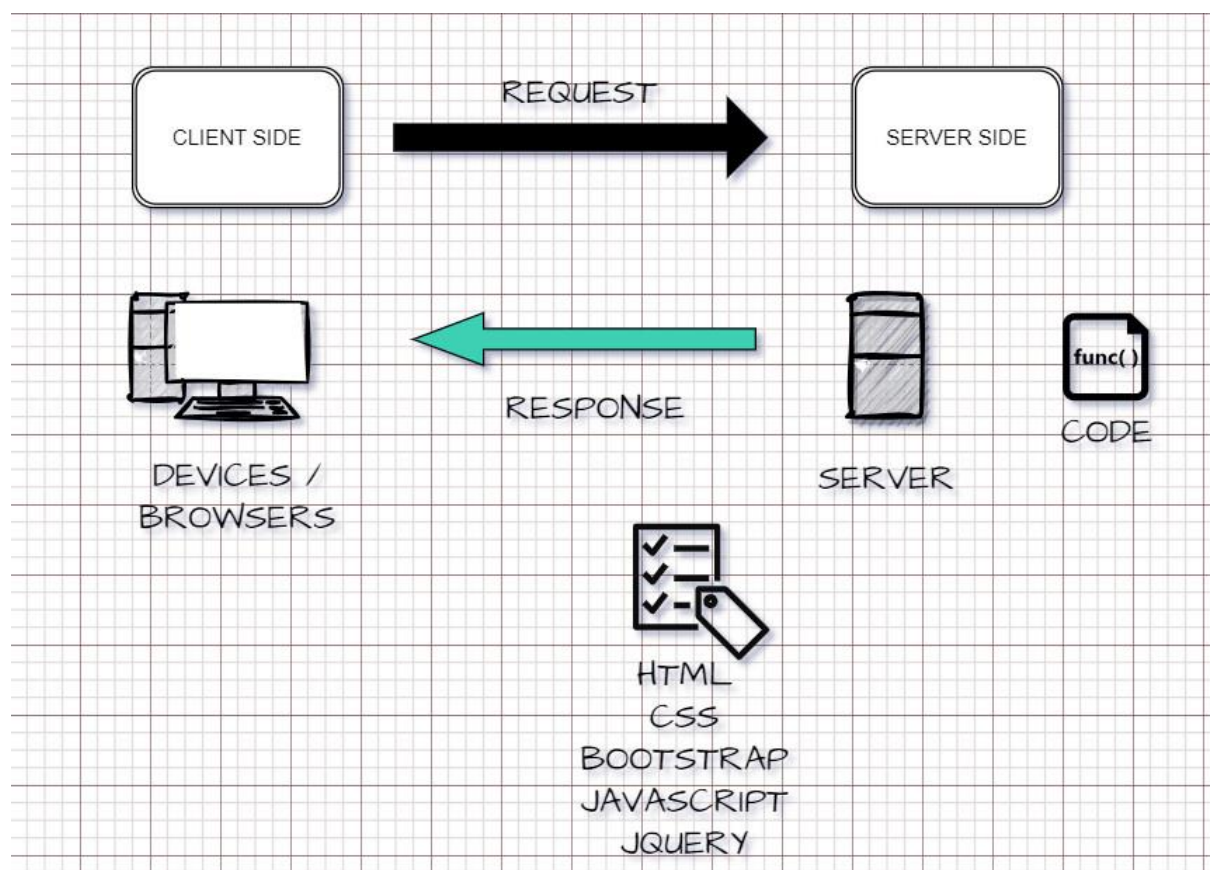
### **Cilent Hardware:**

- CPU: Core i5
- RAM: 8 GB
- SSD : 500 GB
- Graphics Card: 2 GB

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No: 06</b>	<b>Le Thanh Nhan</b>
<b>Signature:</b>		
<b>Date: 09/09/2023</b>		

<b>Design Plan:</b> Crystal Product	<b>Document Name:</b> Architecture and design of the project	<b>SWD/Form No.03/ARD/Ver1.0</b>
<b>Effective Date:</b> 09-09-2023	<b>Version 2.0</b>	<b>Page No: 7 of 14</b>

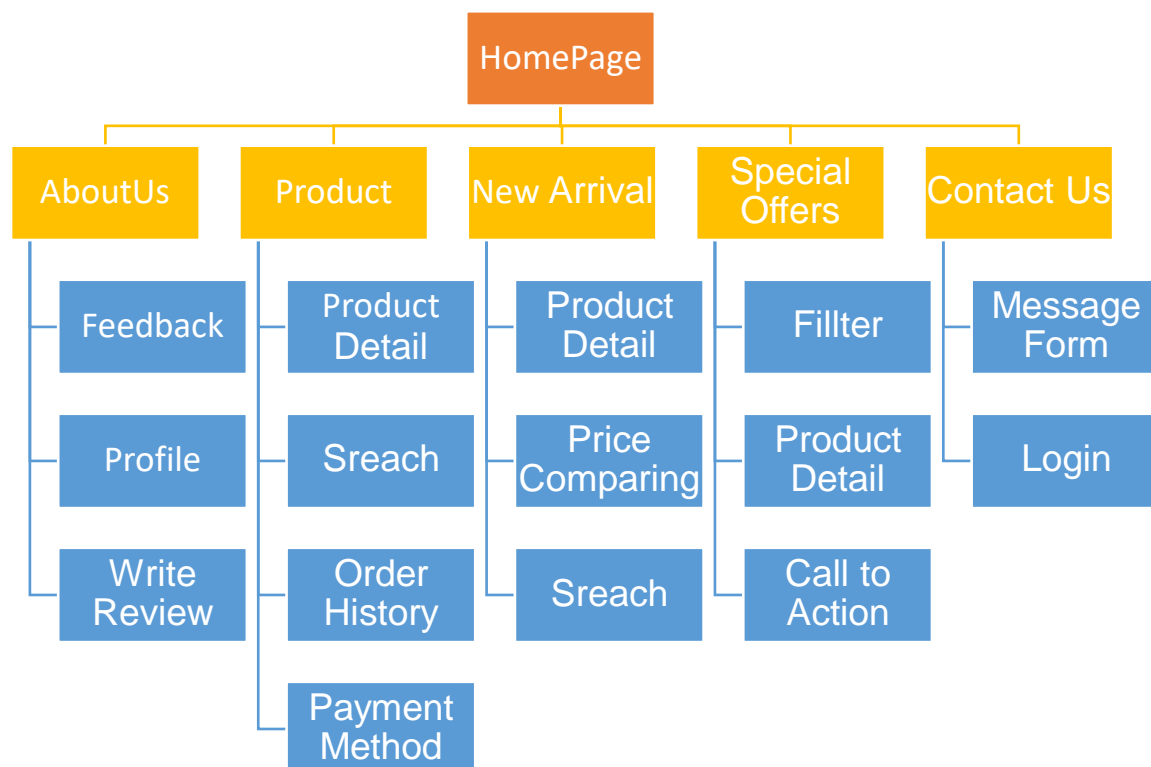
## Architecture and design of the project



	<b>Prepared by (Student)</b> Project Group No: 06	<b>Approved by (Faculty)</b> Le Thanh Nhan
<b>Signature:</b>		
<b>Date: 09/09/2023</b>		

<b>Design Plan:</b> Crystal Product	<b>Document Name:</b> SiteMap	<b>SWD/Form</b> No.04/SM/Ver1.0
<b>Effective Date:</b> 09-09-2023	<b>Version</b> 1.0	<b>Page No:</b> 8 of 14

# SiteMap



	<b>Prepared by (Student)</b> Project Group No: 06	<b>Approved by (Faculty)</b> Le Thanh Nhan
<b>Signature:</b>		
<b>Date: 09/09/2023</b>		

<b>Design Plan:</b> Doodle New Search Tool	<b>Document Name:</b> Task Sheet	<b>SWD/Form</b> No.08/TS/Ver1.0
<b>Effective Date:</b> 01-01-2002	<b>Version</b> 1.0	<b>Page No:</b> 9 of 14

No	Member	Contents	Page Name	Activity Plan	Date of Preparation of Activity Plan		
				Planned Start Date	Actual Start Date	Actual Days	Status
1	Phan Văn Duy	Login	Login.html	09-09-2023	12-09-2023	5	
2		Payment	Payment.html	09-09-2023	12-09-2023	5	
1	Nguyễn Tiến Đạt	Home	Home.html	09-09-2023	12-09-2023	5	OK
2		Product	Product.html	09-09-2023	12-09-2023	5	OK
		New Arrival	New Arrival.html	09-09-2023	12-09-2023	5	OK
1	Phạm Tuyên	Contact	Contact.html	09-09-2023	12-09-2023	5	OK
2		About Us	About Us.html	09-09-2023	12-09-2023	5	OK
3		Special Offers	Special Offers.html	09-09-2023	12-09-2023	5	OK

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No:</b> 01	
<b>Signature</b>		
<b>Date</b>		