

## Clear Reflections

**Supervisor:** *LÊ THANH NHÂN*

**Semester:** *01*

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

**Group No:** *03*

Order:	Full name	Roll No.
1.	<i>Lê Minh Thông</i>	<i>Student1477472</i>
2.	<i>Đỗ Văn Cao</i>	<i>Student1470118</i>
3.	<i>Nguyễn Trần Hoàng Long</i>	<i>Student1470292</i>

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

This is to certify that

Mr. LÊ MINH THÔNG

Mr. ĐỖ VĂN CAO

Mr. NGUYỄN TRẦN HOÀNG LONG

Have successfully Designed & Developed  
-----

## **CLEAR REFLECTIONS**

-----

Submitted by:

**Mr. LE THANH NHAN**

-----

Date Of Issue:

-----

Authorized Signature:

-----

# Content

Content

Acknowledge

Synopsis

Review1 .....01

Review2 .....08

Review3 .....10

Testting Document .....19

Final Checklist .....20

Tasksheet .....21

# 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 project implementation 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 knowledge in web developing world.

We also thank you so much for your information 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 03.

# 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.

The website (in this project) is a tool that brings everything about mirrors to you such as full-length mirrors to vanity mirrors, decorative mirrors, office mirrors, home mirrors, .... to suit all of your needs.

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> Clear Reflections	<b>Document Name:</b> Problem Definition	<b>SWD/Form</b> No.01/PD/Ver1.0
<b>Effective Date:</b> 09-09-2023	<b>Version</b> 1.0	<b>Page No:</b> 1 of 27

## Problem Definition

The problem, in this case, is creating a website for Clear Reflections, a company that sells mirrors. This website needs to comply with the following requirements and specifications:

- ❖ **Platform and Technology:** The website must be developed for the Windows platform using HTML5, JavaScript and Geolocation integration. This website should work well on all popular browsers, such as Chrome, Internet Explorer (IE), Firefox, etc.
- ❖ **Product information:** The website needs to display detailed information about Clear Reflections' mirror products, including different types and sizes, to suit customer needs.
- ❖ **Customer feedback:** The website needs to allow customers and members to send comments and feedback to improve the quality of the website's service via local mail.
- ❖ **User interface:** The website needs a reasonable interface that is easy to use and recognizable to users.
- ❖ **Functions for Users:**
  - Customers can visit the website to view product information.
  - Ability to contact the company.
  - Can send comments and feedback to managers.

	<b>Prepared by (Student)</b> Project Group No: 03	<b>Approved by (Faculty)</b> LE THANH NHAN
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Clear Reflections	<b>Document Name:</b> Problem Definition	<b>SWD/Form</b> No.01/PD/Ver1.0
<b>Effective Date:</b> 09-09-2023	<b>Version</b> 1.0	<b>Page No:</b> 2 of 27

❖ Project limitations:

- Customers can register as members on the website.
- The project has a limited amount of data and several comments.
- Customers have information about warranty and privacy policy.
- Customers have information about promotions or special offers.
- The website should provide purchasing instructions and a return policy.
- Can manage personal information and accounts.
- The problem was defined as creating a website that satisfied the requirements and goals of Clear Reflections and its clients.
- Add product management section, manage stock and warehouse status, quantity of each product type
- Add order management and delivery history.
- Allows you to search and filter products quickly.
- Customers can add products to the cart, view the cart, and delete and edit products.
- Customers can pay and track delivery information.
- Member management: The website needs a member account management function to manage their personal information and provide special offers.

	<b>Prepared by (Student)</b> <b>Project Group No: 03</b>	<b>Approved by (Faculty)</b> <b>LE THANH NHAN</b>
<b>Signature</b>		
<b>Date</b>		



<b>Design Plan:</b> Clear Reflections	<b>Document Name:</b> Problem Definition	<b>SWD/Form</b> No.01/PD/Ver1.0
<b>Effective Date:</b> 09-09-2023	<b>Version</b> 1.0	<b>Page No:</b> 3 of 27

○ Functions for web admins:

- Product information management.
- Manage contact information.
- Manage warranty information and privacy policy.
- Manage promotions or special offers.
- Manage information about purchasing instructions and return policies.
- Manage information about user comments and feedback.

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No: 03</b>	<b>LE THANH NHAN</b>
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Clear Reflections	<b>Document Name:</b> Customer Requirements Specifications	<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 27</b>

## Customer Requirements Specifications

Describes the points in each user's data processing process.

### User:

#### input:

- Data's mirror input for selecting.
- Member registration's data.
- Feedback for management.

#### Process:

- Search for mirror information (size, color, mirror type).
- Check Member registration data.
- Check feedback information.

#### Output:

- Display selected mirror information (size, color, mirror type).
- Notification of success / failure of registration.
- Notification of success / failure of feedbacks.

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No: 03</b>	<b>LE THANH NHAN</b>
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Clear Reflections	<b>Document Name:</b> Customer Requirements Specifications	<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> 5 of 27

## Webmaster:

### input:

- Data about the mirror to add/edit/delete (size, color, mirror type).

### Process:

- Add/edit/delete mirror's information (size, color, mirror type).
- Respond to user's feedbacks.
- Check information to respond to feedbacks.
- Delete feedback.

### Output:

- Notification of success/failure of adding/editing/deleting mirror's information (size, color, mirror type).
- Notification of success/failure of responding to feedbacks.
- Notification of success/failure of deleting feedbacks.

## Hardware / software requirement:

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No: 03</b>	<b>LE THANH NHAN</b>
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Clear Reflections	<b>Document Name:</b> Customer Requirements Specifications	<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 27</b>

## Software:

### Server:

- Pentium 4, 1.8Ghz or better.
- 512 MB of RAM.
- 300 MB of HDD capacities available.

### Client:

- Pentium III, 500 Mhz.
- 256 MB of RAM.

## Hardware:

### Server:

- Os with Windows XP SP2.
- IE 5.0/Netscape 6.0.
- SQL Server 2008.
- Dreamweaver MX 2004.
- Internet Information Services (IIS).

### Client:

- IE 5.0/Netscape 6.0.

	<b>Prepared by (Student)</b> <b>Project Group No: 03</b>	<b>Approved by (Faculty)</b> <b>LE THANH NHAN</b>
<b>Signature</b>		
<b>Date</b>		

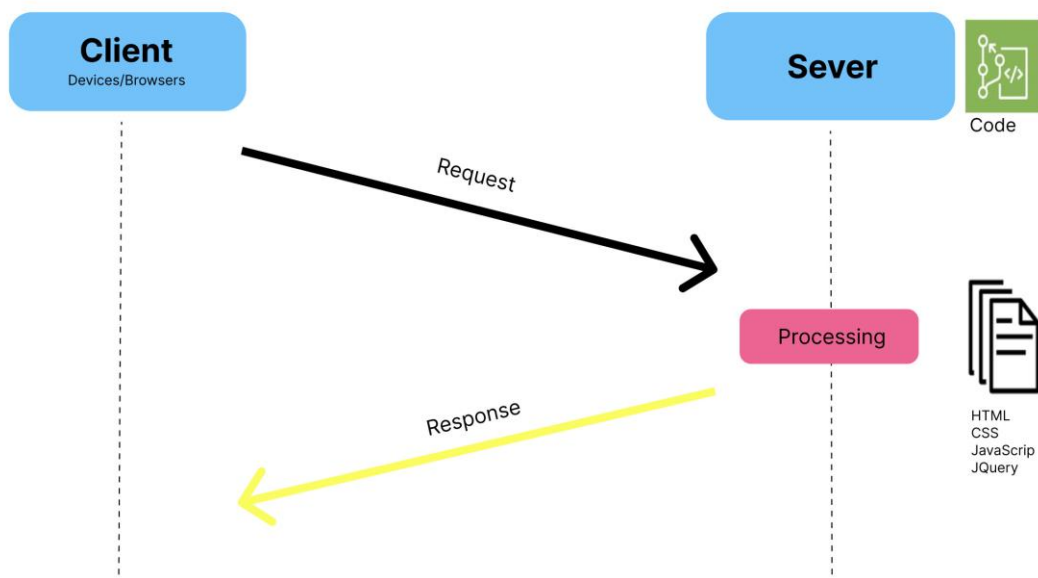
<b>Design Plan:</b> Clear Reflections	<b>Document Name:</b> Customer Requirements Specifications	<b>SWD/Form</b> No.02/CRS/Ver1.0
<b>Effective Date:</b> 09-09-2023	<b>Version</b> 1.0	<b>Page No:</b> 7 of 27

- Flash player 8.

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No: 03</b>	<b>LE THANH NHAN</b>
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Clear Reflections	<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</b> 1.0	<b>Page No: 8 of 27</b>

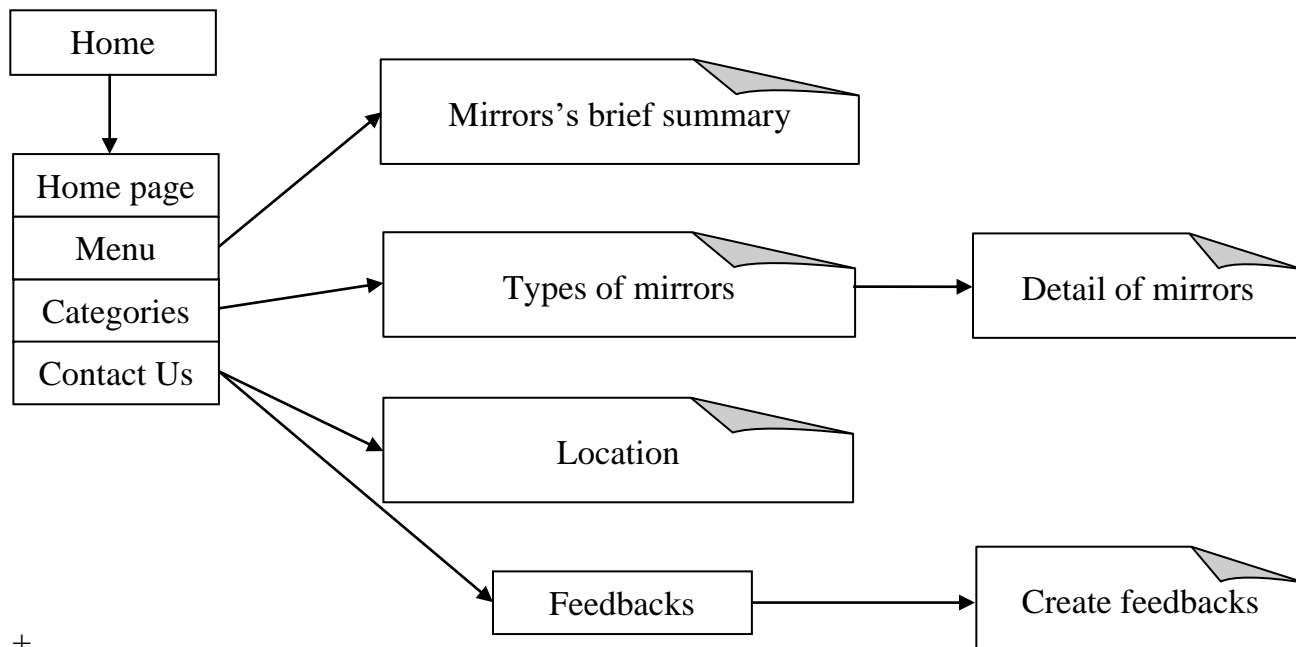
## Architecture and design of the project



	<b>Prepared by (Student)</b> Project Group No: 03	<b>Approved by (Faculty)</b> LE THANH NHAN
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Clear Reflections	<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> 9 of 27

## SiteMap

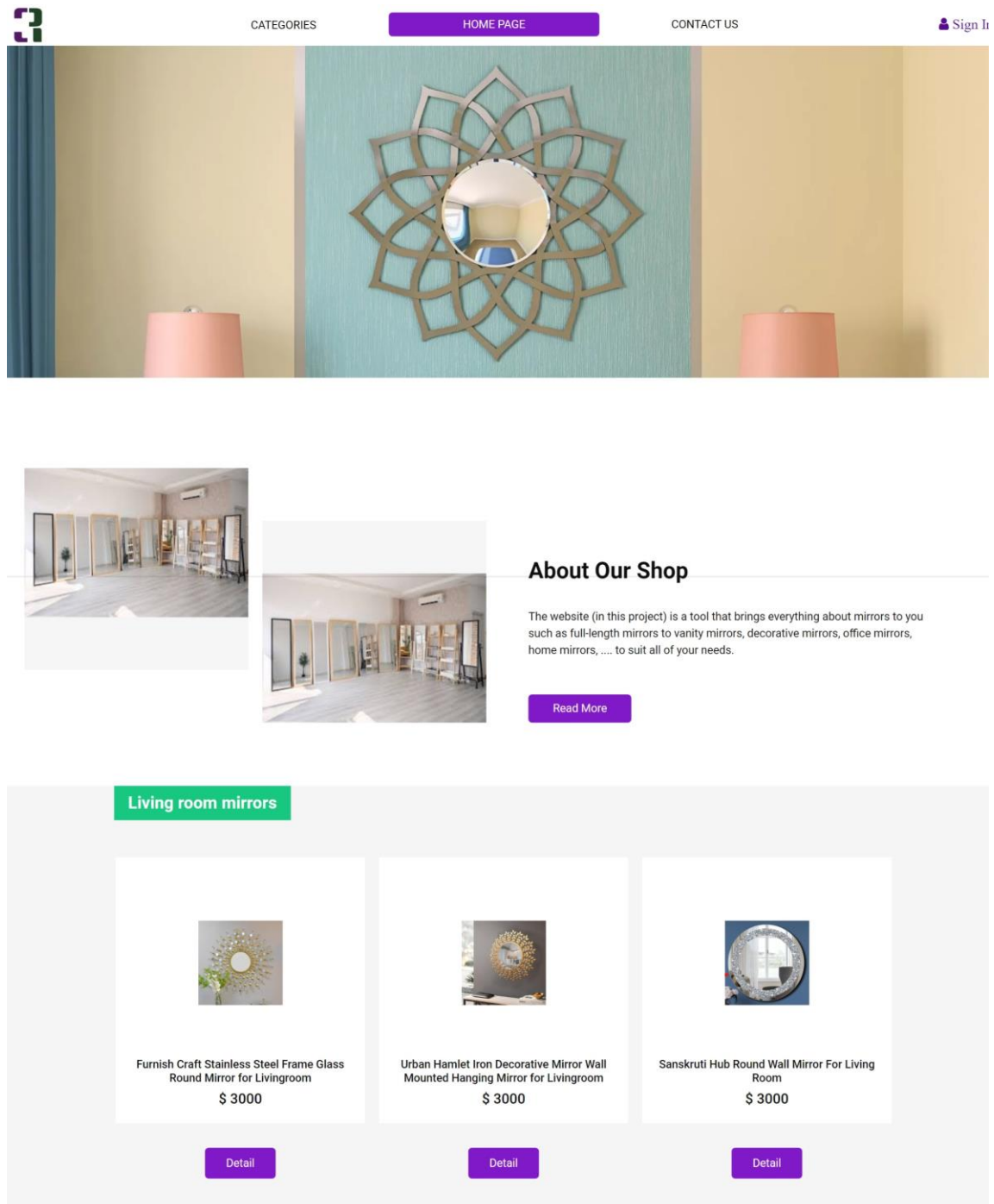


	<b>Prepared by (Student)</b> Project Group No: 03	<b>Approved by (Faculty)</b> LE THANH NHAN
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Clear Reflections	<b>Document Name:</b> Screen shots	<b>SWD/Form</b> No.05/SS/Ver1.0
<b>Effective Date:</b> 09-09-2023	<b>Version</b> 1.0	<b>Page No:</b> 10 of 27

# Screen shots

## I. Homepage:



	<b>Prepared by (Student)</b> <b>Project Group No: 03</b>	<b>Approved by (Faculty)</b> <b>LE THANH NHAN</b>
<b>Signature</b>		
<b>Date</b>		



<b>Design Plan:</b> Clear Reflections	<b>Document Name:</b> Screen shots	<b>SWD/Form</b> No.05/SS/Ver1.0
<b>Effective Date:</b> 09-09-2023	<b>Version</b> 1.0	<b>Page No:</b> 11 of 27

#### Bathroom mirrors



Allen + Roth metal oval mirror For Bathroom  
\$ 3000

[Detail](#)



Morriston Brown finish rectangular bathroom mirror  
\$ 3000

[Detail](#)



Rigsby Rectangular bathroom mirror with a white frame  
\$ 3000

[Detail](#)

#### Dressing mirrors



Colleta Triple Folding Dressing Mirror  
\$ 3000

[Detail](#)



Elara Silver Dressing Mirror  
\$ 3000

[Detail](#)



Melissa Silver Dressing Mirror  
\$ 3000

[Detail](#)

#### Bedroom mirrors



Eriq Rectangle Wall Bedroom Mirror  
\$ 3000

[Detail](#)



Villalobos Bedroom Mirror  
\$ 3000

[Detail](#)

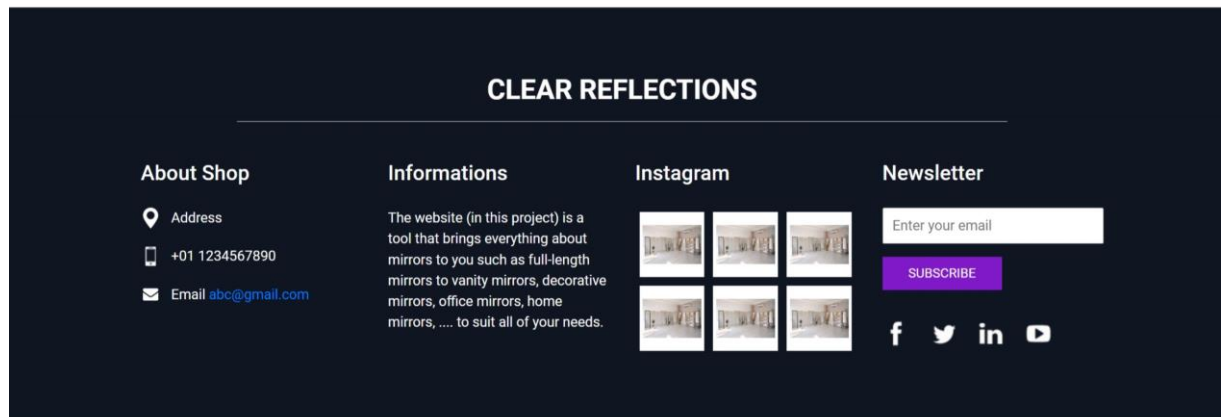


Pittard Square Glass Wall Mirror  
\$ 3000

[Detail](#)

	<b>Prepared by (Student)</b> <b>Project Group No: 03</b>	<b>Approved by (Faculty)</b> <b>LE THANH NHAN</b>
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Clear Reflections	<b>Document Name:</b> Screen shots	<b>SWD/Form</b> No.05/SS/Ver1.0
<b>Effective Date:</b> 09-09-2023	<b>Version</b> 1.0	<b>Page No:</b> 12 of 27



© 2023 All Rights Reserved By Clear Reflections

**Description** : Home Page. Display some product mirrors following the room, about our shop and footer information shop.

**From** : HomePage

**To** : Categories, Contact Us, Register, Detail (detail of some new arrival product).

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No: 03</b>	<b>LE THANH NHAN</b>
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Clear Reflections	<b>Document Name:</b> Screen shots	<b>SWD/Form</b> No.05/SS/Ver1.0
<b>Effective Date:</b> 09-09-2023	<b>Version</b> 1.0	<b>Page No:</b> 13 of 27

## II. Register:

**REGISTER**

Enter your Login Name:

Login Name

Enter your Email:

Email

Enter your Password:

Password

Confirm password:

Confirm password

**REGISTER**

**CLEAR REFLECTIONS**

**About Shop**

Address

+01 1234567890

Email [abc@gmail.com](mailto:abc@gmail.com)

**Informations**

The website (in this project) is a tool that brings everything about mirrors to you such as full-length mirrors to vanity mirrors, decorative mirrors, office mirrors, home mirrors, .... to suit all of your needs.

**Instagram**

**Newsletter**

Enter your email

**SUBSCRIBE**

f t in y

© 2023 All Rights Reserved By Clear Reflections

**Description** : Register page. This page is used to create account for member.

**From** : HomePage

**To** : Can't link to another page.

	<b>Prepared by (Student)</b> <b>Project Group No: 03</b>	<b>Approved by (Faculty)</b> <b>LE THANH NHAN</b>
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Clear Reflections	<b>Document Name:</b> Screen shots	<b>SWD/Form</b> No.05/SS/Ver1.0
<b>Effective Date:</b> 09-09-2023	<b>Version</b> 1.0	<b>Page No:</b> 14 of 27

### III. All Product:




CATEGORIES


HOME PAGE


CONTACT US


Sign In


ALL OF PRODUCT


Livingroom Mirror

Furnish Craft Stainless...  
3000 USD


Livingroom Mirror

Urban Hamlet Iron...  
3000 USD


Livingroom Mirror

Sanskriti Hub Round...  
3000 USD


Bathroom Mirror

Allen + Roth metal oval...  
3000 USD

Bathroom Mirror

Morrison Brown finish...  
3000 USD

Bathroom Mirror

Rigsby Rectangular...  
3000 USD

Dressing Mirror

Colleta Triple Folding...  
3000 USD

Dressing Mirror

Elara Silver Dressing...  
3000 USD

Dressing Mirror

Melissa Silver Dressing...  
3000 USD

	<b>Prepared by (Student)</b> <b>Project Group No: 03</b>	<b>Approved by (Faculty)</b> <b>LE THANH NHAN</b>
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Clear Reflections	<b>Document Name:</b> Screen shots	<b>SWD/Form</b> No.05/SS/Ver1.0
<b>Effective Date:</b> 09-09-2023	<b>Version</b> 1.0	<b>Page No:</b> 15 of 27

**Description :**

- View categories and go to subpages of categories.
- View products and go to page detail of products.

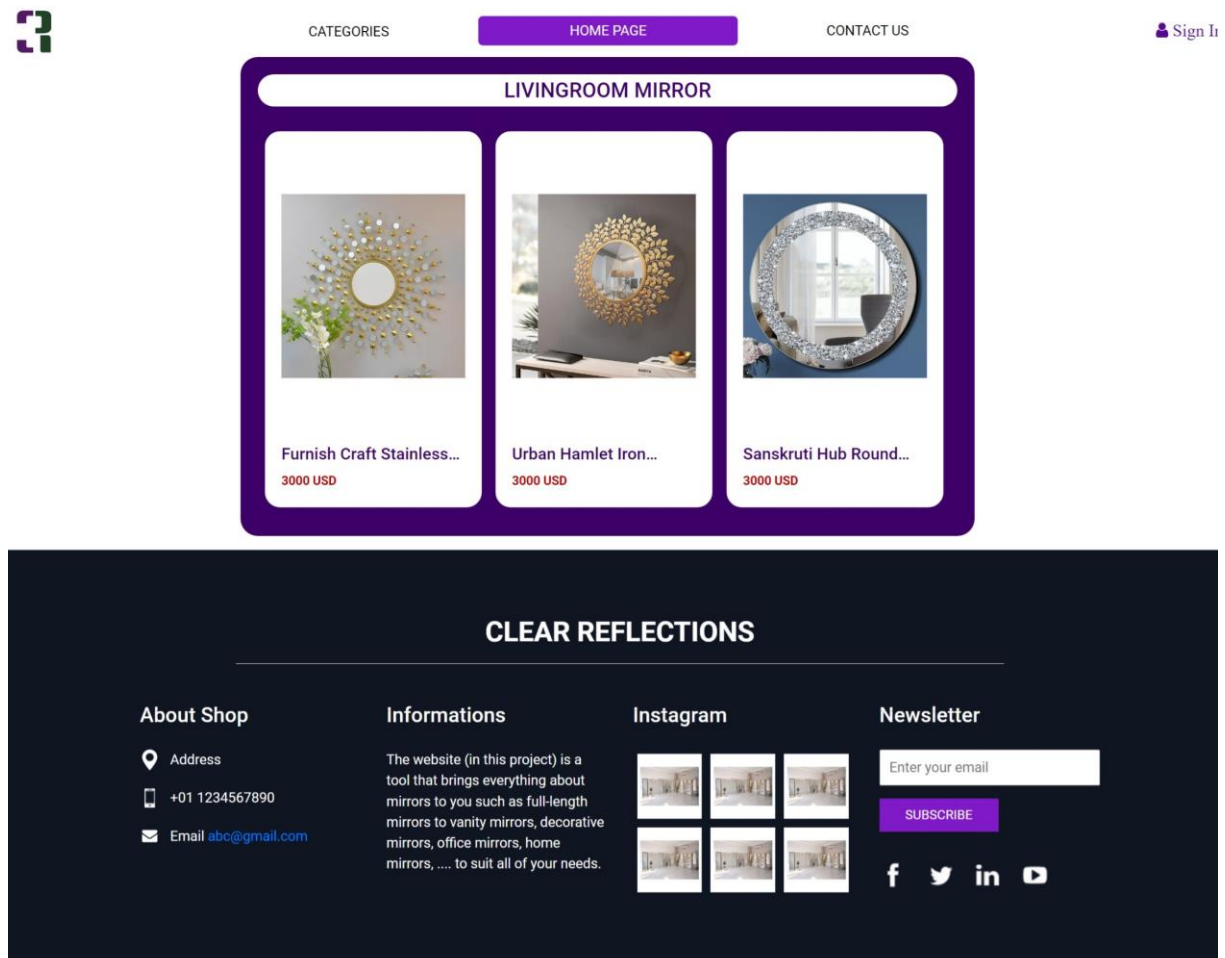
**From** : HomePage, Subpages of categories

**To** : Subpages of categories, detail of products

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No: 03</b>	<b>LE THANH NHAN</b>
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Clear Reflections	<b>Document Name:</b> Screen shots	<b>SWD/Form No.</b> 05/SS/Ver1.0
<b>Effective Date:</b> 09-09-2023	<b>Version</b> 1.0	<b>Page No:</b> 16 of 27

#### IV. Categories (Livingroom, bathroom, bedroom,...):



© 2023 All Rights Reserved By Clear Reflections

**Description** : View categories (type, material) of products.

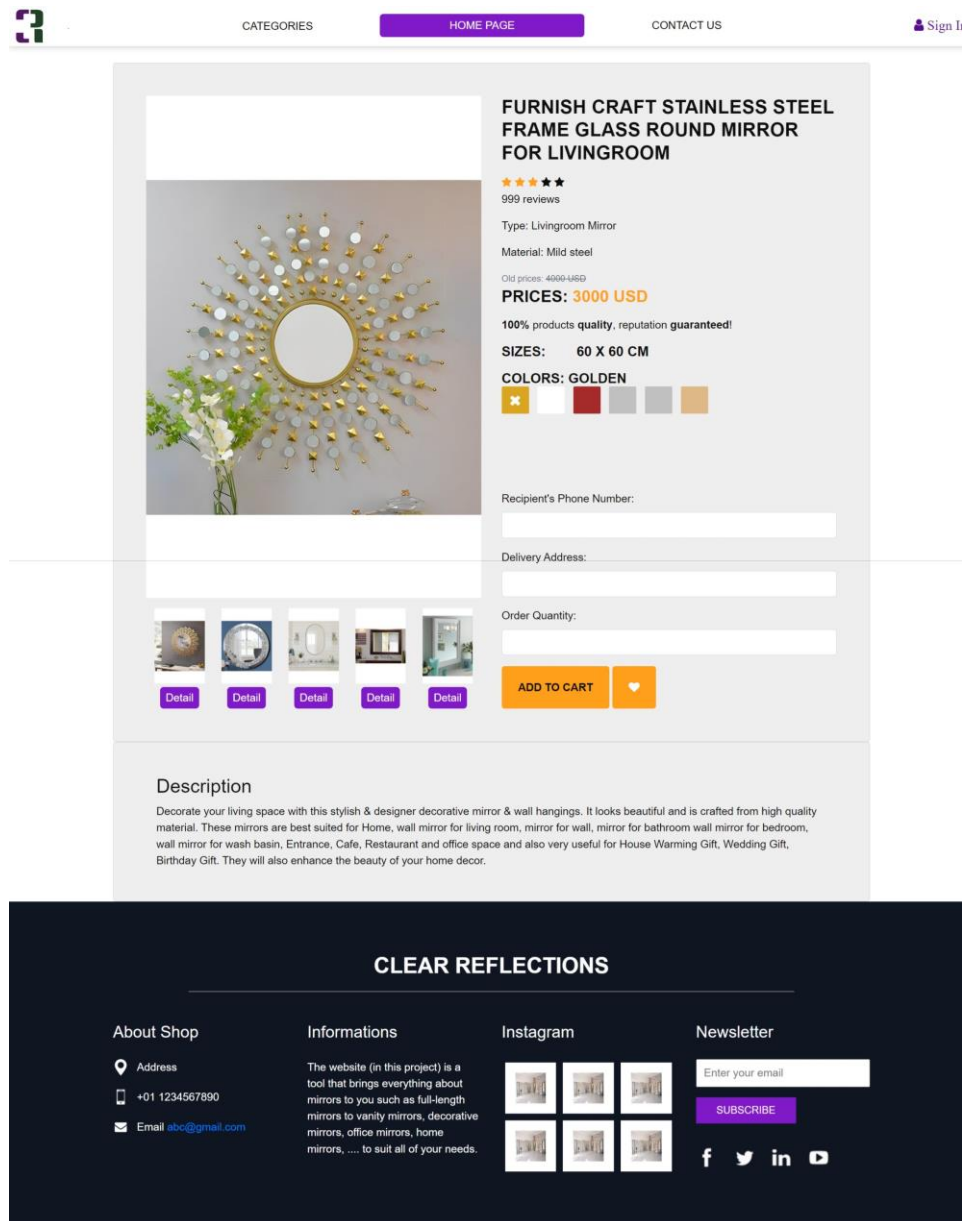
**From** : AllOfProduct, HomePage.

**To** : Link to another categories, detail of products (detail.html).

	<b>Prepared by (Student)</b> <b>Project Group No: 03</b>	<b>Approved by (Faculty)</b> <b>LE THANH NHAN</b>
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Clear Reflections	<b>Document Name:</b> Screen shots	<b>SWD/Form No.05/SS/Ver1.0</b>
<b>Effective Date:</b> 09-09-2023	<b>Version</b> 1.0	<b>Page No: 17 of 27</b>

## V. Detail:



**Description** : Detail page. This page is used to display detail of the product which is selected by user.

**From** : Categories.


**To** : AllOfProduct, Categories, Contact Us.

	<b>Prepared by (Student)</b> <b>Project Group No: 03</b>	<b>Approved by (Faculty)</b> <b>LE THANH NHAN</b>
<b>Signature</b>		
<b>Date</b>		



<b>Design Plan:</b> Clear Reflections	<b>Document Name:</b> Screen shots	<b>SWD/Form</b> No.05/SS/Ver1.0
<b>Effective Date:</b> 09-09-2023	<b>Version</b> 1.0	<b>Page No:</b> 18 of 27

VI. Contact Us:



CATEGORIES

HOME PAGE

CONTACT US

Sign In

Address

Phone: +01 1234567890

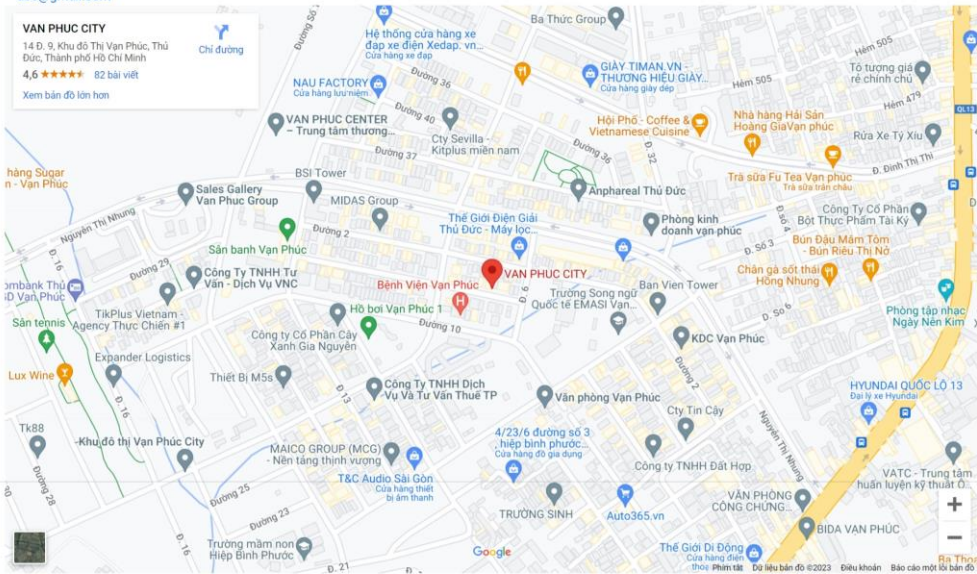
abc@gmail.com

VAN PHUC CITY

14 Đ. 9, Khu đô Thị Vạn Phúc, Thủ Đức, Thành phố Hồ Chí Minh

4,6 ★★★★☆ 62 bài viết

Xem bản đồ lớn hơn



CLEAR REFLECTIONS

About Shop

Address


+01 1234567890

Email

Informations

The website (in this project) is a tool that brings everything about mirrors to you such as full-length mirrors to vanity mirrors, decorative mirrors, office mirrors, home mirrors, .... to suit all of your needs.

Instagram



Newsletter

Enter your email

SUBSCRIBE

f

🐦

in

📺

© 2023 All Rights Reserved By Clear Reflections

Description

: Contact Us. Display geolocation API, Phone, Address, mail.

From

: Menu (HomePage.html)

To

: Geolocation API, local mail client.

	<b>Prepared by (Student)</b> Project Group No: 03	<b>Approved by (Faculty)</b> LE THANH NHAN
<b>Signature</b>		
<b>Date</b>		



<b>Design Plan:</b> Clear Reflections	<b>Document Name:</b> Testing document	<b>SWD/Form</b> No.06/TD/Ver1.0
<b>Effective Date:</b> 09-09-2023	<b>Version</b> 1.0	<b>Page No:</b> 19 of 27

## Testing document

Sr.No	Features Tested	Remarks
1	Login Name	Login name is not empty with the length in range 6-18 characters/digits.
2	Email	Email is not empty with the format must have xxxx@xxx.xxx
3	Password	Password is not empty with the length in range 6-18 characters/digits.
4	Confirm password	Comfirm Password is not empty and must be same to Password.

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No: 03</b>	<b>LE THANH NHAN</b>
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Clear Reflections	<b>Document Name:</b> Final checklist	<b>SWD/Form</b> No.07/FC/Ver1.0
<b>Effective Date:</b> 09-09-2023	<b>Version</b> 1.0	<b>Page No:</b> 20 of 27

## Final 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?	No
6	Are all the forms validated with proper criteria?	No
7	Do all text links lead to the appropriate website?	Yes
8	Do all image links lead to the appropriate website?	No
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?	No
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

	<b>Prepared by (Student)</b> <b>Project Group No: 03</b>	<b>Approved by (Faculty)</b> <b>LE THANH NHAN</b>
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Clear Reflections	<b>Document Name:</b> Task Sheet	<b>SWD/Form</b> No.08/TS/Ver1.0
<b>Effective Date:</b> 09-09-2023	<b>Version</b> 1.0	<b>Page No:</b> 21 of 27

No	Member	Contents	Page Name	Activity Plan	Date of Preparation of Activity Plan		
				Planed Start Date	Actual Start Date	Actual Days	Status
1	Le Minh Thong	Presentation detail of the mirror which is the user click to (including mirror1.html, mirror2.html,...,mirror30.html).	Mirror.html	09-09-2023	17-09-2023	8	OK
2		Create a form for member register.	Register.html	09-09-2023	17-09-2023	8	OK
1	Nguyen Tran Hoang Long	Categories by a list of 10 type of mirrors.	Categories.html	09-09-2023	17-09-2023	8	OK
2		Presentation all of mirror's products.	AllProduct.html	09-09-2023	17-09-2023	8	OK
1	Do Van Cao	Homepage have Sections logo, header, image, some products, information shop, footer.	Homepage.html	09-09-2023	17-09-2023	8	OK
2		Contact Us have address, phone, email address, geolocation API.	ContactUs.html	09-09-2023	17-09-2023	8	OK

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No: 03</b>	<b>LE THANH NHAN</b>
<b>Signature</b>		
<b>Date</b>		