

FPT ACADEMY INTERNATIONAL FPT – APTECH COMPUTER EDUCATION

CHIC LIGHTING

Supervisor: LÊ THANH NHÂN

Semester: 01

Batch No: *T1.2204.M0*

Group No: 04

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4.	Trần Thành Tâm	Student1379726

Month: 07 Year: 2022

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Content

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Acknowledge

Synposis	
Review1	
Review2	6
Review3	(điền số trang theo thực tế
Testting Document	(điền số trang theo thực tế
Final Checklist	(điền số trang theo thực tế
Tasksheet	

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. laddered 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 04.

Synposis

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 opens a window to a wide world, a world filled with knowledge, technology, culture and society, bringing us to understand each other better and closer together.

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.

Design Plan:	Document Name: Problem Definition	SWD/Form No.01/PD/Ver1.0
Chic Lighting		
Effective Date:20-07-2022	Version 1.0	Page No: 1 of 28

Problem Definition

Before electric lighting became common in the early 20th century, people used candles, gas lights, oil lamps, and fires. English chemist Humphry Davy developed the first incandescent light in 1802, followed by the first practical electric arc light in 1806. By the 1870s, Davy's arc lamp had been successfully commercialized, and was used to light many public spaces. Efforts by Joseph Swan and Thomas Edison led to commercial incandescent light bulbs becoming widely available in the 1880s, and by the early twentieth century these had completely replaced arc lamps.

The energy efficiency of electric lighting has increased radically since the first demonstration of arc lamps and the incandescent light bulb of the 19th century. Modern electric light sources come in a profusion of types and sizes adapted to many applications. Most modern electric lighting is powered by centrally generated electric power, but lighting may also be powered by mobile or standby electric generators or battery systems. Battery-powered light is often reserved for when and where stationary lights fail, often in the form of flashlights or electric lanterns, as well as in vehicles.

Chic Lighting & Design has its presence since 1971. We offer unique lighting and accessories from the most elegant traditional to refined contemporary for today's eclectic interiors.

Chic Lighting & Design is an online retailer that specializes in LED Lights, Lamps, Chandeliers and Pendant lighting. We have a range of collections that include; crystal chandeliers, traditional chandeliers, modern chandeliers, glass pendant lights, industrial and retro pendant lights, metal pendant lights and many more.

At Chic Lighting & Design, we are dedicated to customer service. When you call or email during normal business hours, you will speak or get reply from a design professional. Our

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Design Plan:	Document Name: Problem Definition	SWD/Form No.01/PD/Ver1.0
Chic Lighting		
Effective Date:20-07-2022	Version 1.0	Page No: 2 of 28

knowledgeable and experienced staff receives ongoing education and training and is available to assist with all of your lighting projects.

Chic Lighting & Design is a Single-Page-Application and responsive with the below mentioned requirement specifications. The website is a set of pages and menus that represent choice of activities to be performed. The pages, menus, and other visual elements of website is designed in a visually appealing manner with attractive fonts, colors, and animations that are easy to use.

Chic Lighting & Design website will be integrated with the following advantages:

- Contain the informations of the various sections such as CEILING LIGHTS, WALL LIGHTS, LAMPS, OUTDOOR LIGHTS, FANS and HOME ACCENTS etc.
- Section on LED Lights are provided with various products listed such as Spot Lights, Decoration Lights, Smart Lights etc.
- Specification and Pricing of Lights are added along with the images.
- A menu on the Top with all sections listed is provided.
- Website provide section filter for various brands offered in the store.
- Gallery section is added for viewing different images.
- Feedback is allowed to enter by the viewer.
- Create a membership to receive new information and offers.
- There are Site map, Gallery, About Us, FAQ link, Contact us.
- The complete description is allowed to get download as pdf or doc file.
- Section for various offers in the store is provided with listing of offers with details.

Besides what was achieved in the website, we have features that have not been implemented in this time. Specifically, we have not allowed users to register for a webmaster account, have not logged in with the right permissions, have not yet advanced search.

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Date		

Design Plan:	Document Name:	SWD/Form No.02/CRS/Ver1.0
Chic Lighting	Customer Requirements Specifications	
Effective Date:20-07-2022	Version 1.0	Page No: 3 of 28

Customer Requirements Specifications

User:

input:

- Enter keywords to search some informations about Lamps & Chandeliers.
- Hover for quick details.
- Click on the product for details.
- Register customer information.
- Update user information.
- Write a contact message.
- Write comments.
- Choose dark or light theme.

Process:

- Search the informations for Lamps & Chandeliers.
- Access the informations of product.
- Collect and save the customer informations.
- Collect the order confirmations.
- Collect tips and suggestions from customers.

Output:

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Design Plan:	Document Name:	SWD/Form No.02/CRS/Ver1.0
Chic Lighting	Customer Requirements Specifications	
Effective Date:20-07-2022	Version 1.0	Page No: 4 of 28

- Display some lamps & chandeliers products for a customer's request.
- Display some detail informations about a product.
- Display all details when user click on the product.
- Display user information.

Webmaster:

input:

- Enter the informations for each product (name, brand, price, state, ...)
- Enter the informations about create, delete, update the product on the website.
- Reply to comments.

Process:

- Collect the informations from webmaster.
- Create, delete, update the product.

Output:

- Notice to webmaster about creating, deleting, updating success or fail.

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Design Plan:	Document Name:	SWD/Form No.02/CRS/Ver1.0
Chic Lighting	Customer Requirements Specifications	
Effective Date:20-07-2022	Version 1.0	Page No: 5 of 28

- Display the informations of products on website.
- Display or hide comments.

Hardware / software requirement:

Software:

Technologies to be used:

- Frontend: HTML5, CSS, Bootstrap, Javascript, jQuery, AngularJS
- Data Store: JSON files

Other Requirements:

- Operating Portal: Windows
- Browsers: Edge, Chrome, Mozilla Firefox, Safari
- Server: XAMPP

Hardware:

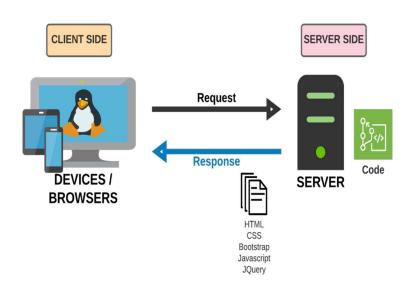
- Intel Core i3/i5 Processor or higher
- 8 GB RAM or above
- Color SVGA
- 500 GB Hard Disk space
- Mouse
- Keyboard

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Date		

Design Plan:	Document Name:	SWD/Form No.03/ARD/Ver1.0
Chic Lighting	Architecture and design of the project	
Effective Date:20-07-2022	Version 1.0	Page No: 6 of 28

Architecture and design of the project

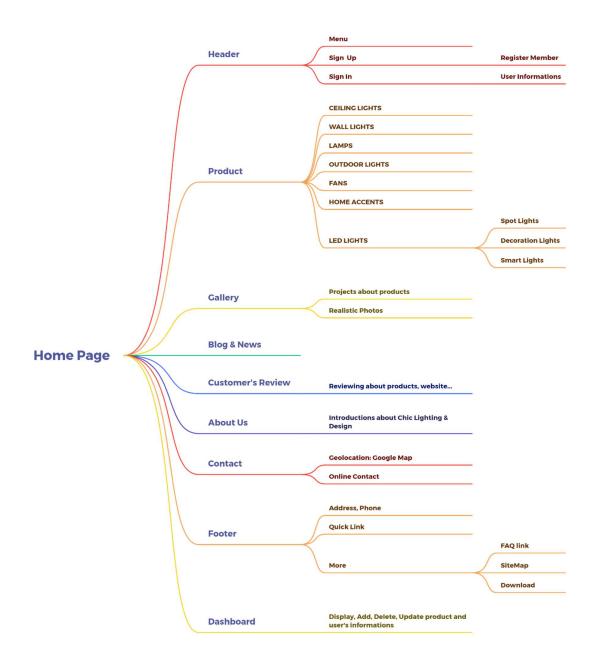
+ ARD:



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Date		

Design Plan:	Document Name: SiteMap	SWD/Form No.04/SM/Ver1.0
Chic Lighting		
Effective Date:20-07-2022	Version 1.0	Page No: 7 of 28

SiteMap



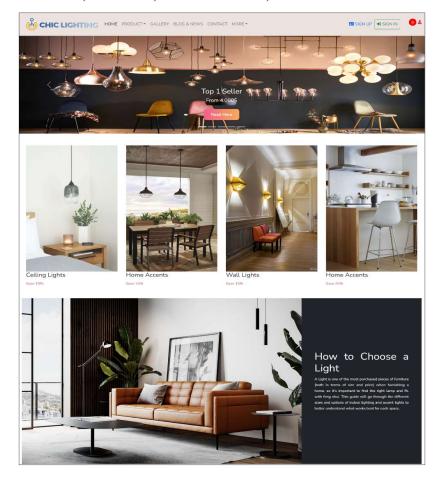
	Prepared by (Student)	Approved by (Faculty)
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Date		

Design Plan:	Document Name: Screen shots	SWD/Form No.05/SS/Ver1.0
Chic Lighting		
Effective Date:20-07-2022	Version 1.0	Page No: 8 of 28

Screen shots

1. Home Page:

1.1. Menu Header, Carousel, Offer Products, How to Choose:



Description: This is my Home Page of Website, this page helps users to choose menu helping users to access other pages, sign in, sign up, the offer products and how to choice a light, ...

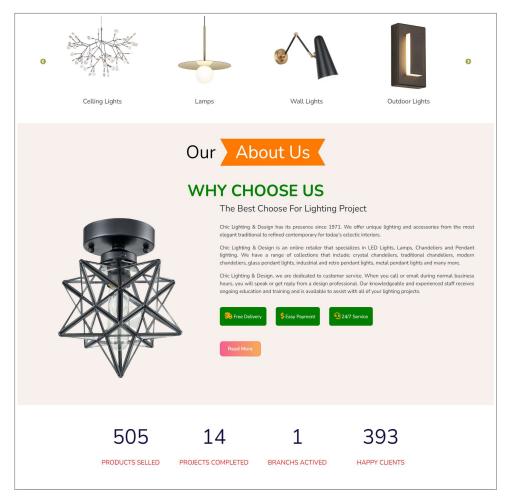
From : This page is opened from home.html

To : This page can open the following pages: product.html, gallery.html, blogNews.html, contact.html, aboutUs.html, register.html, login.html and more ...

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Date		

Design Plan:	Document Name: Screen shots	SWD/Form No.05/SS/Ver1.0
Chic Lighting		
Effective Date:20-07-2022	Version 1.0	Page No: 9 of 28

1.2. Images Menu, About Us, Number Total:



Description: This is my Home Page of Website, this page helps users to choose a product type, to see why to choose Chic Lighting and see the numbers of targets about Chic Lighting.

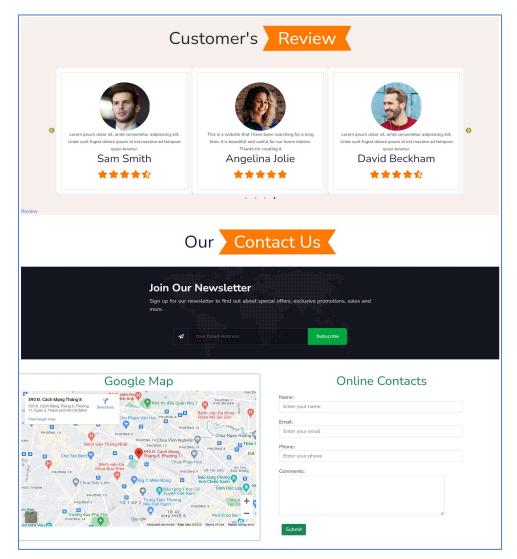
From : This page is opened from home.html

To: This page can open the following pages: product.html.

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Date		

Design Plan:	Document Name: Screen shots	SWD/Form No.05/SS/Ver1.0
Chic Lighting		
Effective Date:20-07-2022	Version 1.0	Page No: 10 of 28

1.3. Customer's Review, Contact us:



Description: This is my Home Page of Website, this page helps users to see the customer's reviews about Chic Lighting, enter a email to receive a offer,... This page also helps users to see the address of Chic Lighting by Google Map and submit a Online Contacts to Customer Services.

From : This page is opened from home.html

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Design Plan:	Document Name: Screen shots	SWD/Form No.05/SS/Ver1.0
Chic Lighting		
Effective Date:20-07-2022	Version 1.0	Page No: 11 of 28

1.4 Footer, a continuous scrolling ticker, back to top:



Description: This is my Home Page of Website, this page helps users to choose menu helping users to access other pages, see current time, date and position and back to the top of website, ...

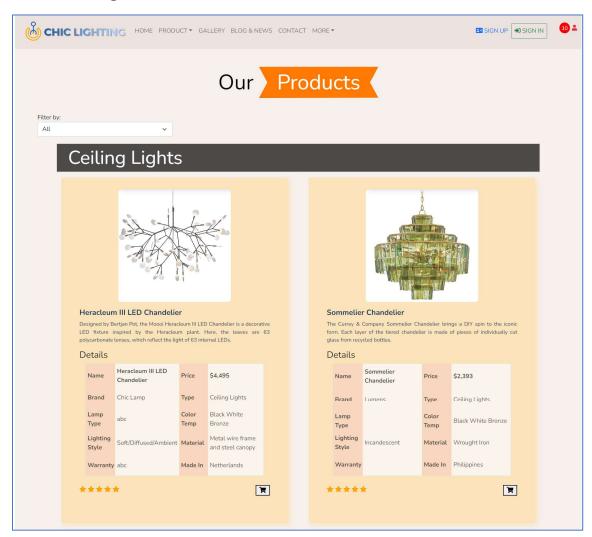
From : This page is opened from footer.html

To : This page can open the following pages: product.html, gallery.html, blogNews.html, contact.html, aboutUs.html and more ...

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Date		

Design Plan:	Document Name: Screen shots	SWD/Form No.05/SS/Ver1.0
Chic Lighting		
Effective Date:20-07-2022	Version 1.0	Page No: 12 of 28

2. Product Page:



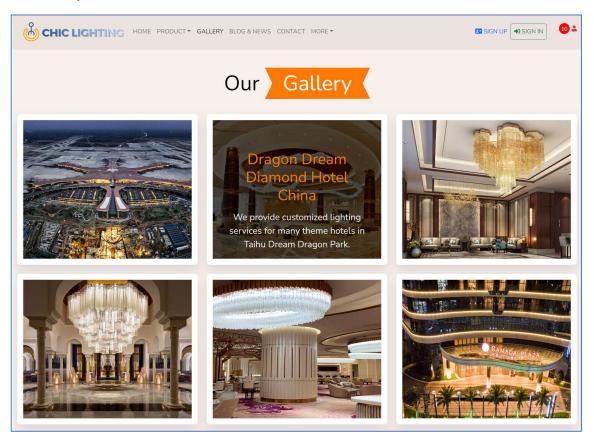
Description: This is my Product Page of Website, this page helps users to see all products and detail products of Chic Lighting, filer a brand lighting,... This page also helps users to choose a product and get it to Shopping Cart.

From : This page is opened from product.html

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Date		

Design Plan:	Document Name: Screen shots	SWD/Form No.05/SS/Ver1.0
Chic Lighting		
Effective Date:20-07-2022	Version 1.0	Page No: 13 of 28

3. Gallery:



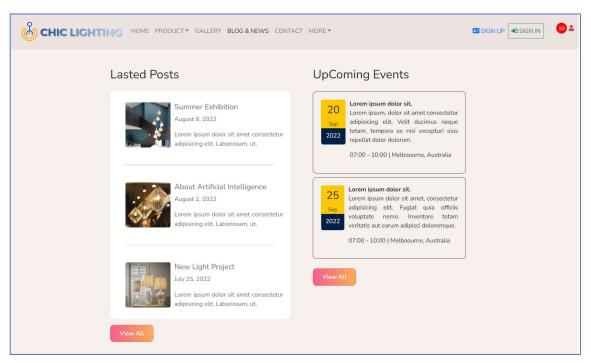
Description: This is my Gallery Page of Website, this page helps users to see all lighting projects and all products of Chic Lighting.

From : This page is opened from gallery.html

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Date		

Design Plan:	Document Name: Screen shots	SWD/Form No.05/SS/Ver1.0
Chic Lighting		
Effective Date:20-07-2022	Version 1.0	Page No: 14 of 28

4. Blog and News:



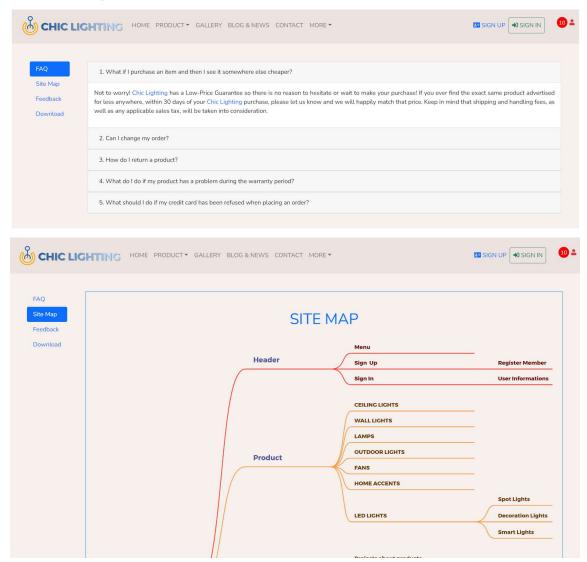
Description: This is my Blog & News Page of Website, this page helps users to see the posts and schedules about activities of Chic Lighting.

From : This page is opened from blogNews.html

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Signature		
Date		

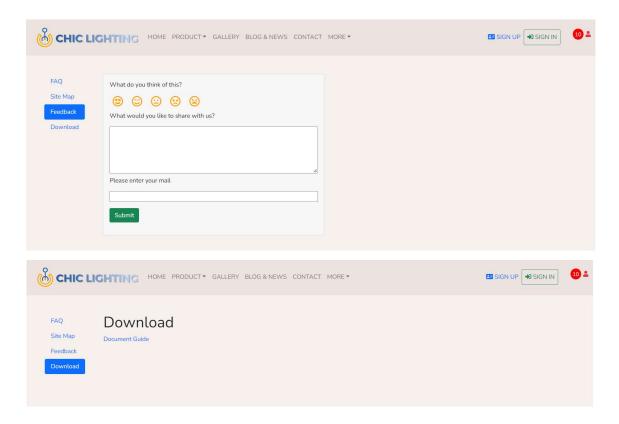
Design Plan:	Document Name: Screen shots	SWD/Form No.05/SS/Ver1.0
Chic Lighting		
Effective Date:20-07-2022	Version 1.0	Page No: 15 of 28

5. FAQ, Site map, Feedback, Download:



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Date		

Design Plan:	Document Name: Screen shots	SWD/Form No.05/SS/Ver1.0
Chic Lighting		
Effective Date:20-07-2022	Version 1.0	Page No: 16 of 28



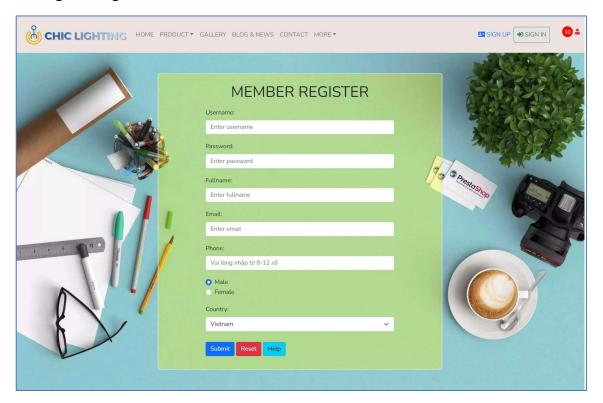
Description: This is my More Page of Website, this page helps users to see FAQ (queries), site map, submit a feedback and get a document by download.

From : This page is opened from more.html

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Signature		
Date		

Design Plan:	Document Name: Screen shots	SWD/Form No.05/SS/Ver1.0
Chic Lighting		
Effective Date:20-07-2022	Version 1.0	Page No: 17 of 28

6. Register Page:



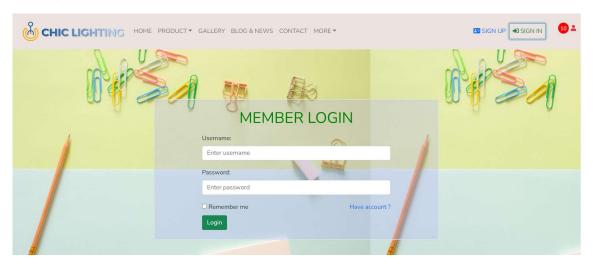
Description: This is my Register Page of Website, this page helps users to register a user member.

From : This page is opened from register.html

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Signature		
Date		

Design Plan:	Document Name: Screen shots	SWD/Form No.05/SS/Ver1.0
Chic Lighting		
Effective Date:20-07-2022	Version 1.0	Page No: 18 of 28

7. Login Page:



Description: This is my Login Page of Website, this page helps users to access a user member to see the user informations and products in Shopping Cart.

From : This page is opened from login.html

To : This page can open the following pages: userInfo.html

8. User Infomations Page:

	CHIC LIGHTING	HOME PRODUCT▼ GALLERY BLOG	& NEWS CONTACT MORE ▼		Hi Sang Nguyen SIGN OUT	1 0 ±
		US	ER INFORMATON			
ID	Fullname	Email	Phone	Gen	Country	
2	Sang Nguyen	user123@gmail.com	0123456789	Female	Vietnam	
Fullname: Email: Phone: Gen: Country:	Update					

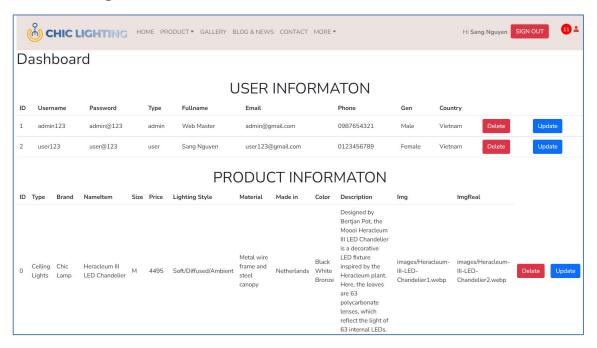
Description: This is my User Information Page of Website, this page helps users to see, update the user informations and products in Shopping Cart.

From : This page is opened from userInfo.html

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Date		

Design Plan:	Document Name: Screen shots	SWD/Form No.05/SS/Ver1.0
Chic Lighting		
Effective Date:20-07-2022	Version 1.0	Page No: 19 of 28

9. Admin Page:



Description: This is my Dashboard Page of Website, this page helps users to see all the details of users and products. It can add, delete and update the user members and products.

From : This page is opened from dashboard.html

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Signature		
Date		

Design Plan:	Document Name: Testing document	SWD/Form No.06/TD/Ver1.0
Chic Lighting		
Effective Date:20-07-2022	Version 1.0	Page No: 20 of 28

Testing document

Sr.No	Features Tested	Remarks
1	Username cannot left blank	
2	Password cannot left blank, from 6 to 12 letters,	
	including characters and numbers	
3	Fullname cannot left blank	
4	Email cannot left blank, in format: xxx@xxx.xxx	
5	Telephone cannot left blank, from 8 to 12 numbers	
6	Address cannot left blank	
7		
8		
9		
10		
11		
12		
13		
14		
15		

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Design Plan:	Document Name: Final checklist	SWD/Form No.07/FC/Ver1.0
Chic Lighting		
Effective Date:20-07-2022	Version 1.0	Page No: 21 of 28

Final checklist

Sr.No	Aspected Tested	Suggestion/ Remarks
1	Are all the users able to view the images and links?	
2	Have all the views, modules and controllers been properly integrated and is the site function as a single page application?	
3	Are the GUI content devoid of spelling mistakes?	
4	Is the application user-friendly?	
5	Is the Website launching correctly in all popular browsers?	
6	Are all the forms validated with proper criteria?	
7	Do all text links lead to the appropriate website?	
8	Do all image links lead to the appropriate website?	
9	Are all the images and links clearly visible on the page?	
10	Does the Web page work properly in all the tested browsers?	
11	Does the Web page take too long to be loaded fully?	
12	Is the navigation sequences correct through all the Web pages on the site?	
13	Is the JavaScript code working as expected in all click events?	
14	Does the website integrate social networks?	
15	Is the source code concise and clean?	
16	Does the website distribute content and layout reasonably and harmoniously?	
17	Website design beautiful interface, suitable standard colors, eye-catching viewers?	

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Date		

Design Plan:	Document Name: Task Sheet	SWD/Form No.08/TS/Ver1.0
Chic Lighting		
Effective Date:20-07-2022	Version 1.0	Page No: 22 of 28

				Activity Plan	Date of Preparation of Activity Plan		
No	Member	Contents	Page Name	Planed Start Date	Actual Start Date	Actual Days	Status
1		Home Page	home.html	20-07-2022	20-07-2022	5	OK
2		Product Page	product.html	20-07-2022	20-07-2022	5	OK
3	Nguyễn Quang Sáng	Header	header.html	20-07-2022	20-07-2022	5	OK
4		Footer	footer.html	20-07-2022	20-07-2022	5	OK
5		More	More.html	20-07-2022	20-07-2022	5	OK
1	– Cao Hoài Nam	About Us	aboutUs.html	20-07-2022	20-07-2022	5	OK
2		Contact	contact.html	20-07-2022	20-07-2022	5	OK
3		Gallery	gallery.html	20-07-2022	20-07-2022	5	OK
4		Dashboard	Dashborard.html	20-07-2022	20-07-2022	5	OK
1	- Trần Gia Thuận	Geolocation	geolocation.html	20-07-2022	20-07-2022	5	OK
2		Seach	Search.html	20-07-2022	20-07-2022	5	OK
1	Trần Thành Tâm	Login	login.html	20-07-2022	20-07-2022	5	OK
2		Register	register.html	20-07-2022	20-07-2022	5	OK
3		Blog & News	blogNews.html	20-07-2022	20-07-2022	5	OK
4		userInfo	userInfo.html	20-07-2022	20-07-2022	5	OK

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Design Plan:	Document Name: Task Sheet	SWD/Form No.08/TS/Ver1.0
Chic Lighting		
Effective Date:20-07-2022	Version 1.0	Page No: 23 of 28

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