

**Chic Lighting & Design Website**

**Documentation**

|  |  |
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| **Date** | **13-Sep-2022** |
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Also I would like to thank my family and friends for their support. Without that support we couldn’t have succeeded in completing this project.

At last but not in least, we would like to thank everyone who helped and motivated us to work on this project.

**1. Problem Definition**

**1.1. Problem Abstraction**

In 1971, Chic Lighting & Design was operated. For today's eclectic environments, we provide one-of-a-kind lighting and accessories in the most beautiful traditional and sophisticated contemporary styles. An online store called Chic Lighting & Design specializes in LED lights, lamps, chandeliers, and pendant lighting. Crystal chandeliers, conventional chandeliers, contemporary chandeliers, glass pendant lights, industrial and vintage pendant lights, metal pendant lights, and many more are among the selections we provide.

**1.2. The Current System**

Thesedays, our needs are expanding. The need for home decoration is also one of them. So gorgeous lights are great items to make our home more beautiful. However, traveling a lot or going far is what makes it difficult for us to find and buy light bulbs. Therefore, we "group 1" will build a chic and lighting website where people can shop online without having to move. We hope that this website will contribute to everyone with quality and beautiful light bulbs

**1.3. The Proposed System**

in this our project we build website with some functions as follows:

* Allows users to register for an account
* allow users to log into accounts
* Search product
* Add product to cart
* Send Feedback
* Edit account (retrieve password, change password)

***1.3.1. Boundaries of the System***

Due to the limitation of time, experience and knowledge, our website still has some disadvantages:

* can only apply COD
* no language change feature

***1.3.2. Hardware and Software Requirement***

**Hardware**

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

**Software**

Technologies to be used:

* Frontend: HTML5, CSS, Bootstrap, JavaScript,
* Backend: PHP
* Data Store: JSON files or TXT files

**2. Customer Requirements Specification**

**2.1. Users of the System**

2.1.1. Unregistered users:

* visit homepage
* visit the product page
* visit product detail page
* visit the about page

2.1.2. Registered users:

They can access all functions just like unregistered users. In

addition, they can use some additional functions:

* Add to cart, order
* send feedback
* change password and recover password

**2.2. System functions**

2.2.1. Register

* Input: The users enter their information from the keyboard
* Process: The user's information will be inserted into the table in the database
* Output: The user's screen will switch to the home page

2.2.2. Login

* Input: The users enter their account name and password from the keyboard
* Process: If the correct username and password exist in the database, switch to the home page. Otherwise, error message will appear on screen
* Output: The user's screen will switch to the home page

2.2.3. Log out

* Input: The users click on the log out button
* Process: session will be terminated
* Output: The user's screen will switch to the home page

2.2.4. Feedback

* Input: The users enter their feedback
* Process: insert user’s feedback into database
* Output: The page will reload

2.2.5. Change Password

* Input: The users enter the old and new password
* Process: Update the table in database
* Output: Print the message of successful password change on the screen

2.2.6. Search

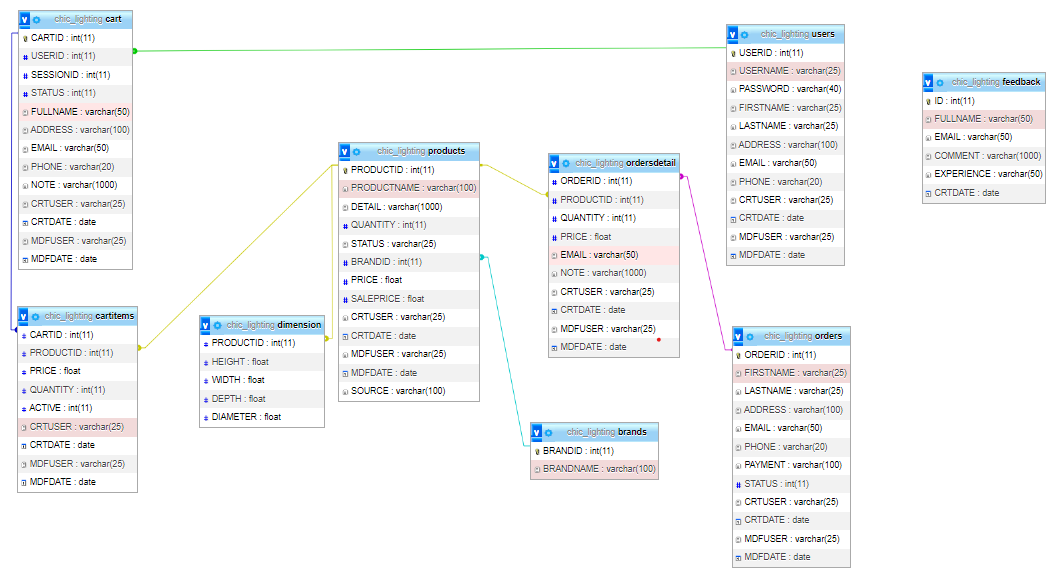
* Input: The users enter product name
* Process: Query into the database of matching product names
* Output: The user's screen will switch to the home page

2.2.7. Add to cart

* Input: The users click on the Add to Cart button
* Process: Insert into the table in database
* Output: Show the cart

**3. System Designs**

**3.1 Entity Relationship Diagram**



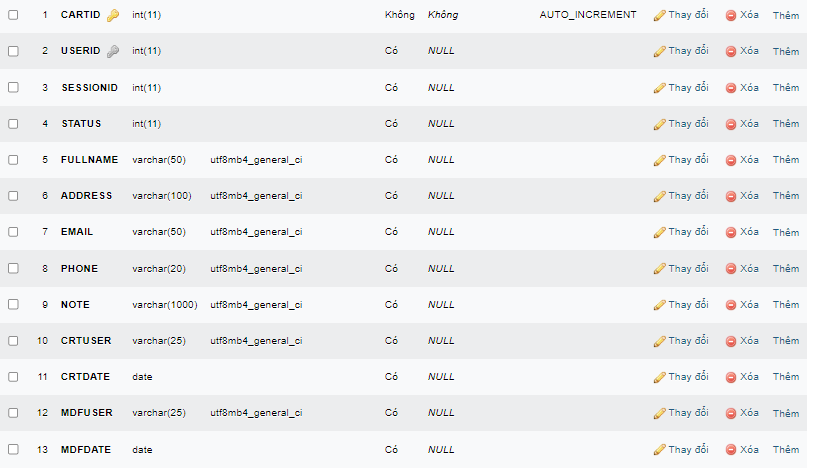
**3.2 Database Design**

3.2.1. Table detail

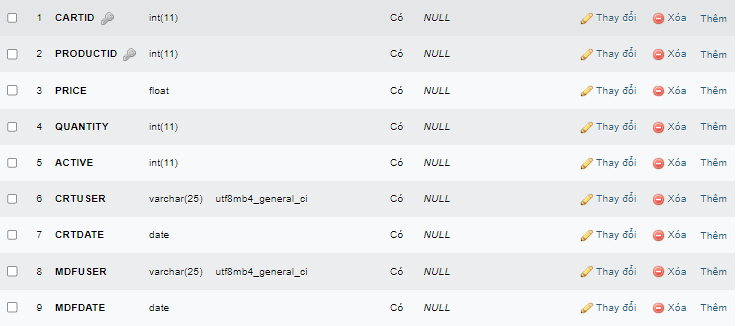
3.2.2.1. brands



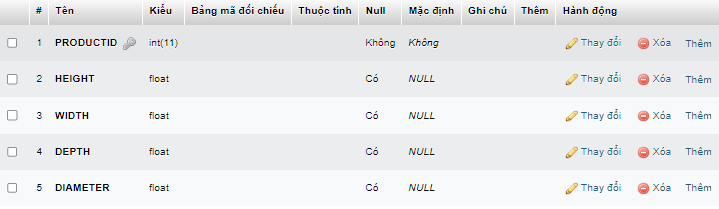
3.2.2.2. cart



3.2.2.3. cartitems



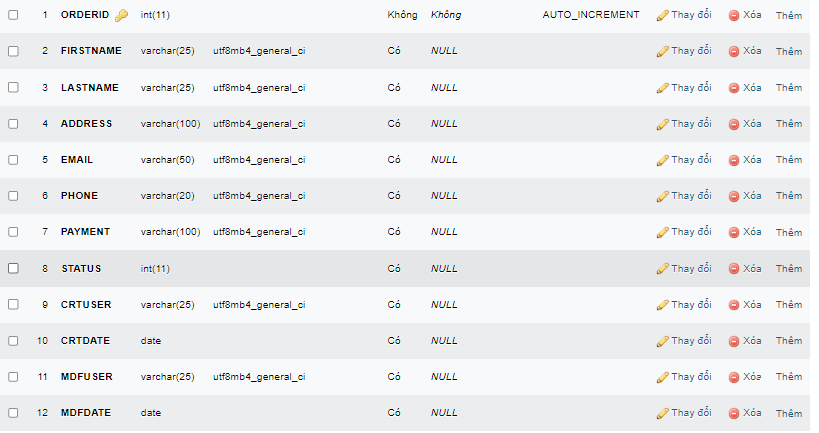
3.2.2.4. dimension



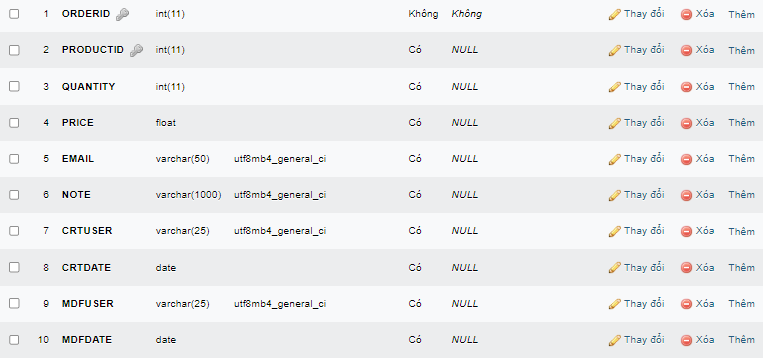
3.2.2.5. feedback



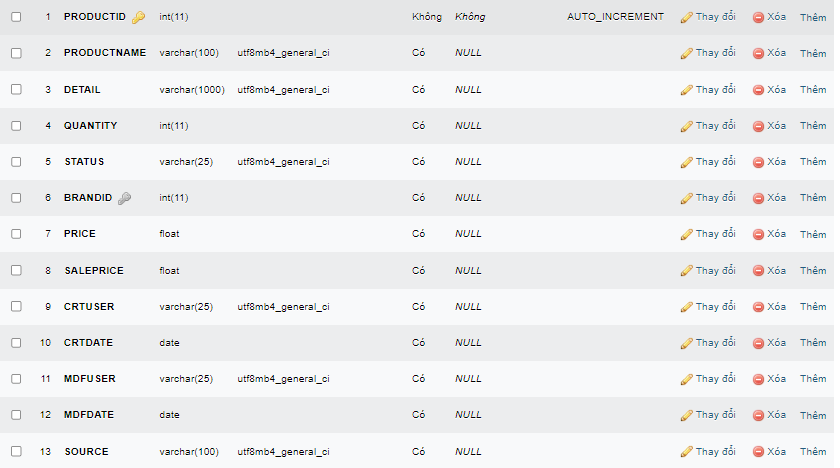
3.2.2.6. orders



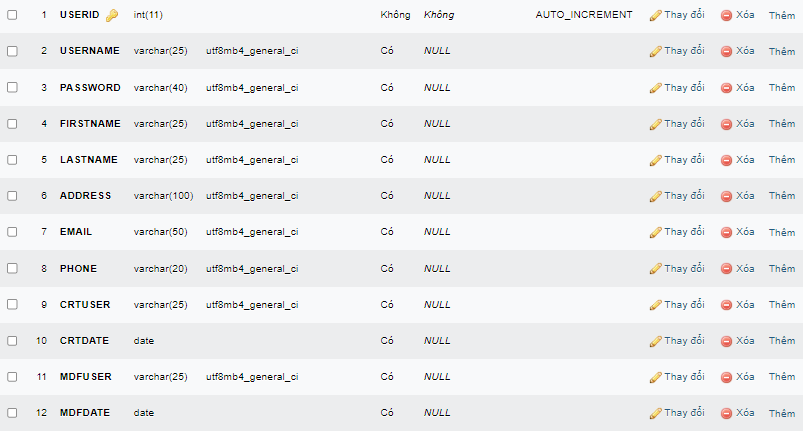
3.2.2.7. orderdetail



3.2.2.8. products



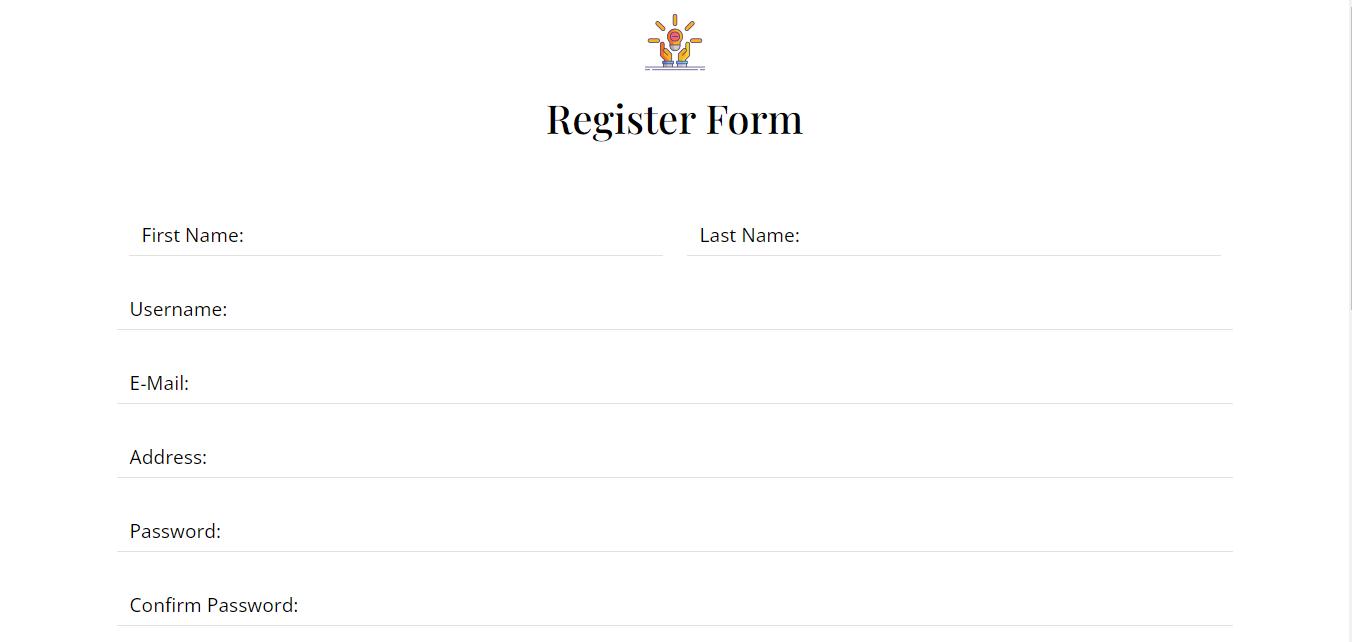
3.2.2.9. users



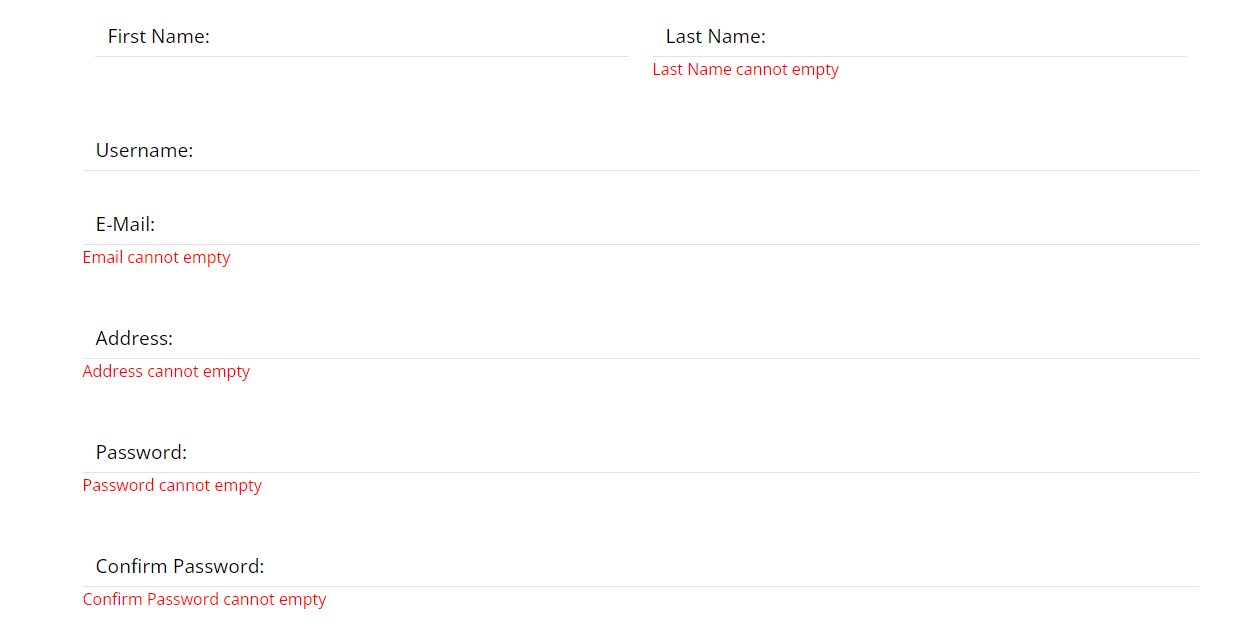
**3.3 Sitemap**

**3.4 System functions design**

3.4.1.Register

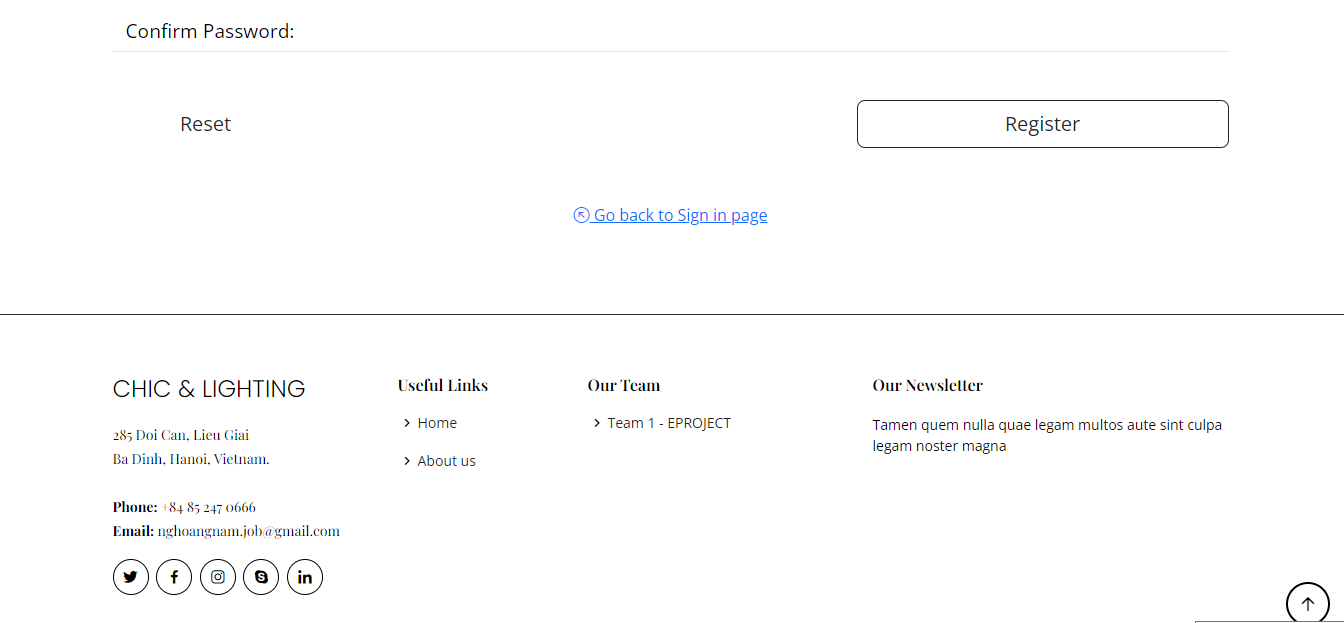


The users type their information in these blanks



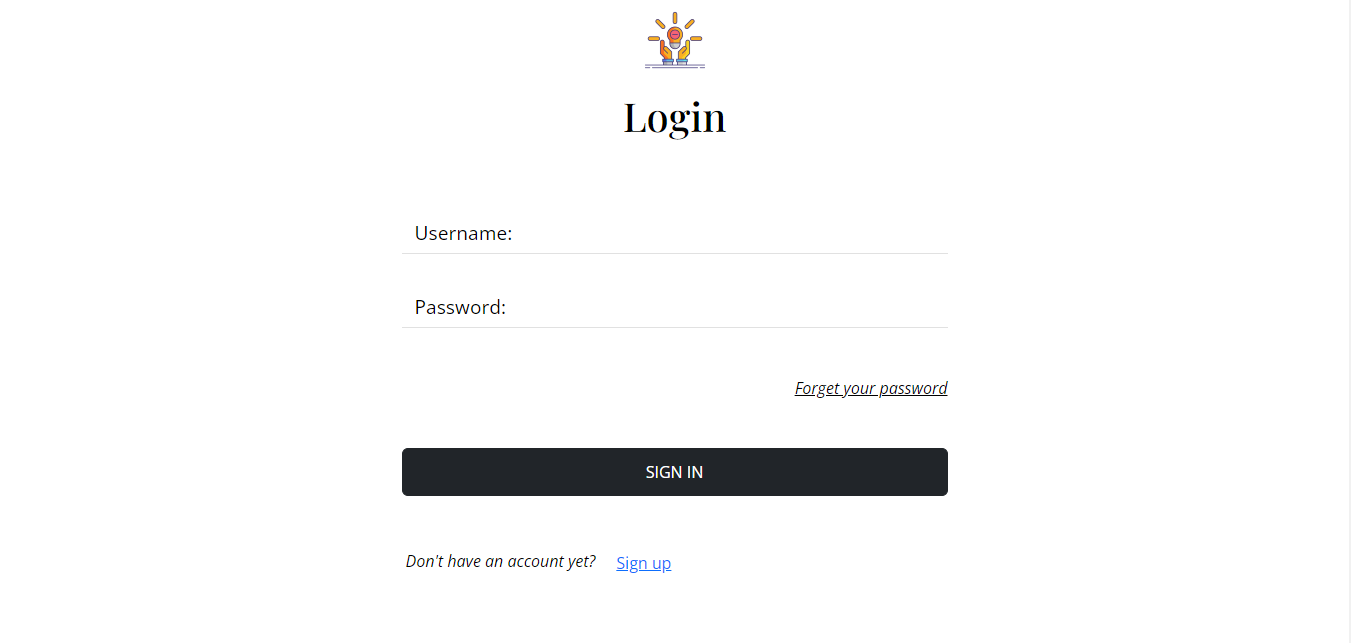
Error messages will appear when the user fills in the wrong format

Click on “Register” button to create an account



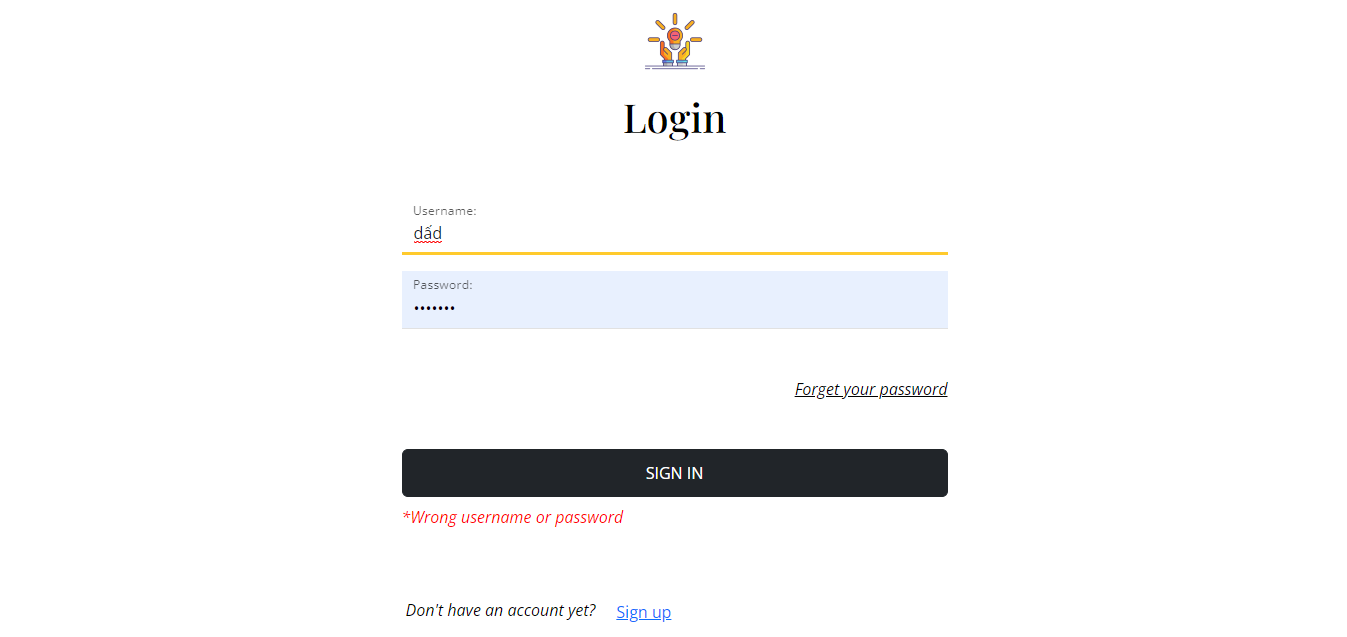
The user can change to login form if they’ve already had an account

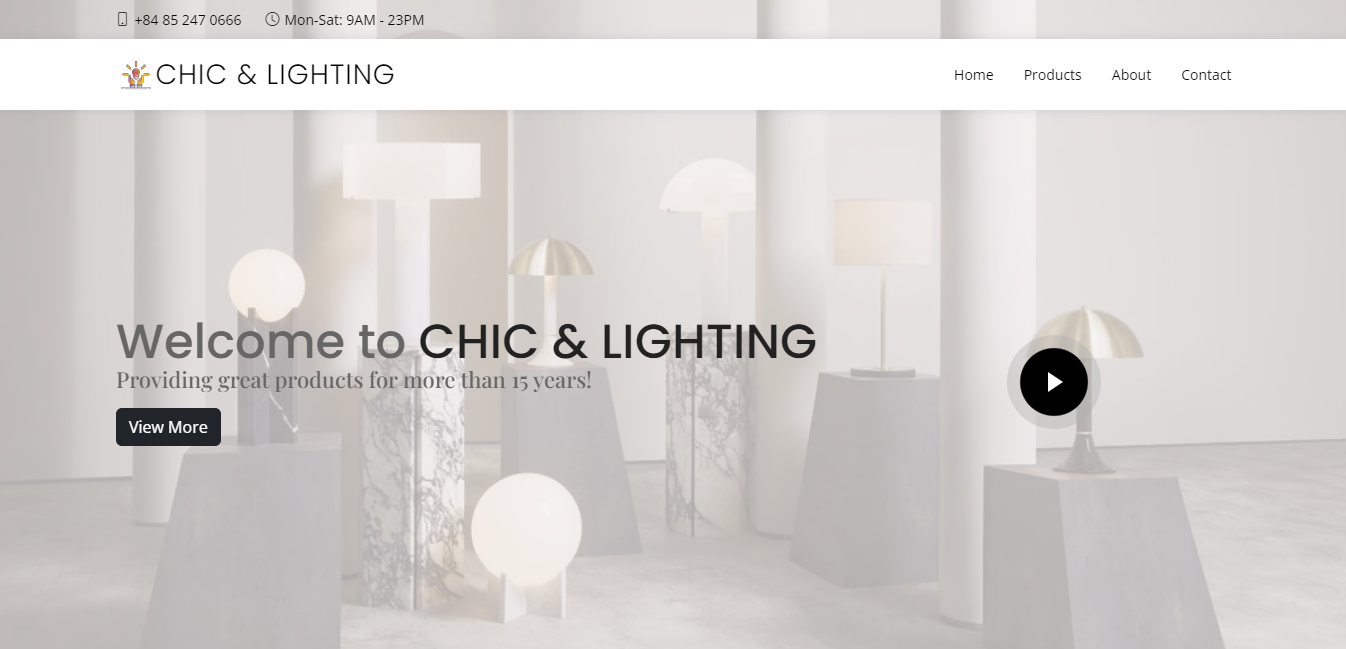
3.4.2. Login



User enters their registered username and password

If the user enters the wrong username or password, an error message will appear





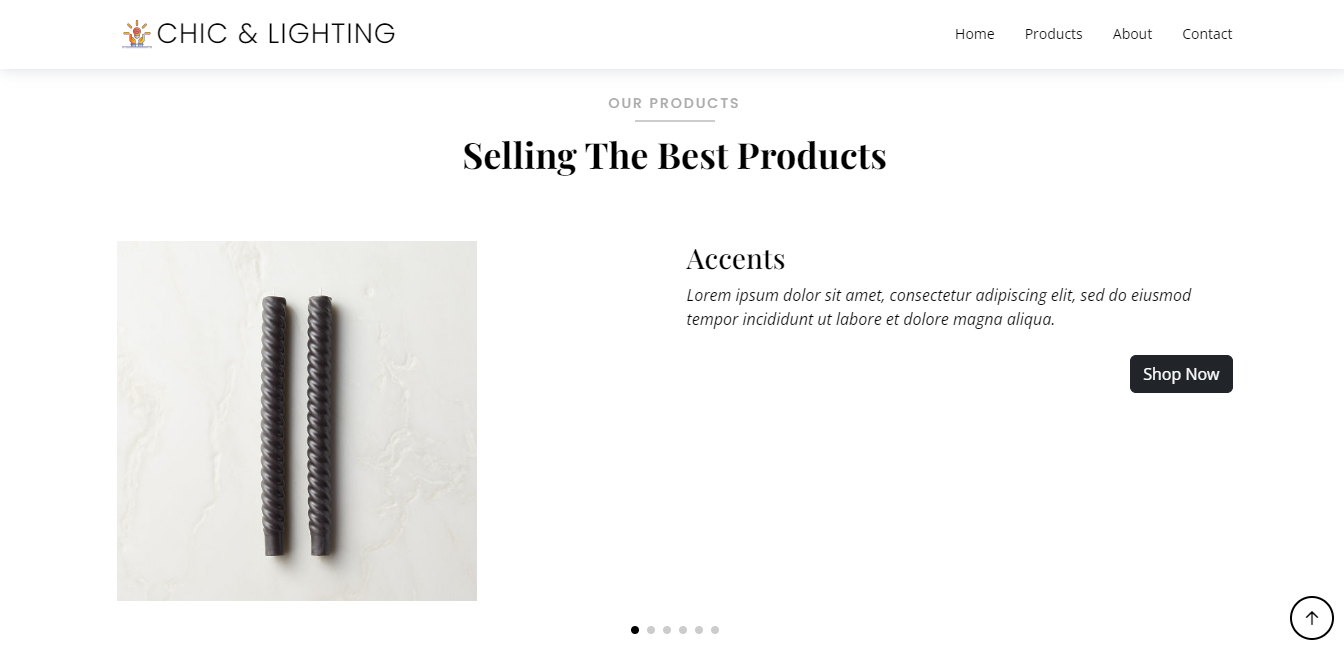
Link to About page

Link to Contact page

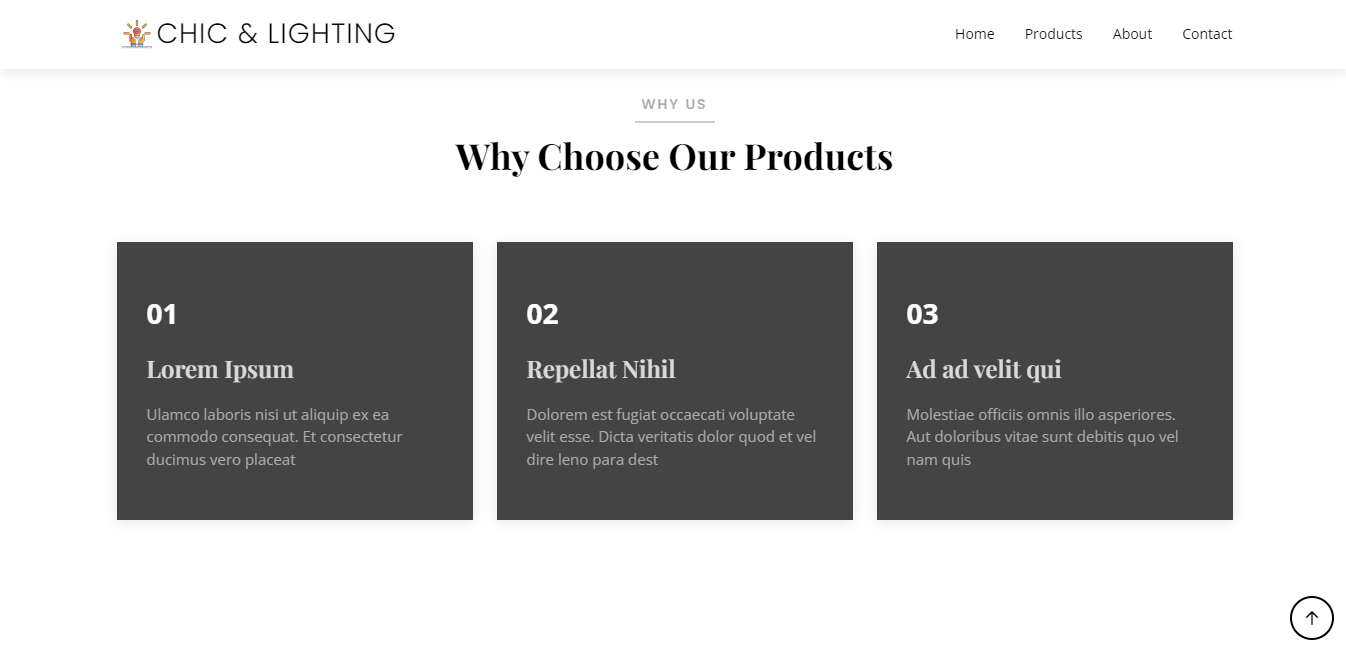
Link to Products page

when user successfully login, their screen will switch to home page

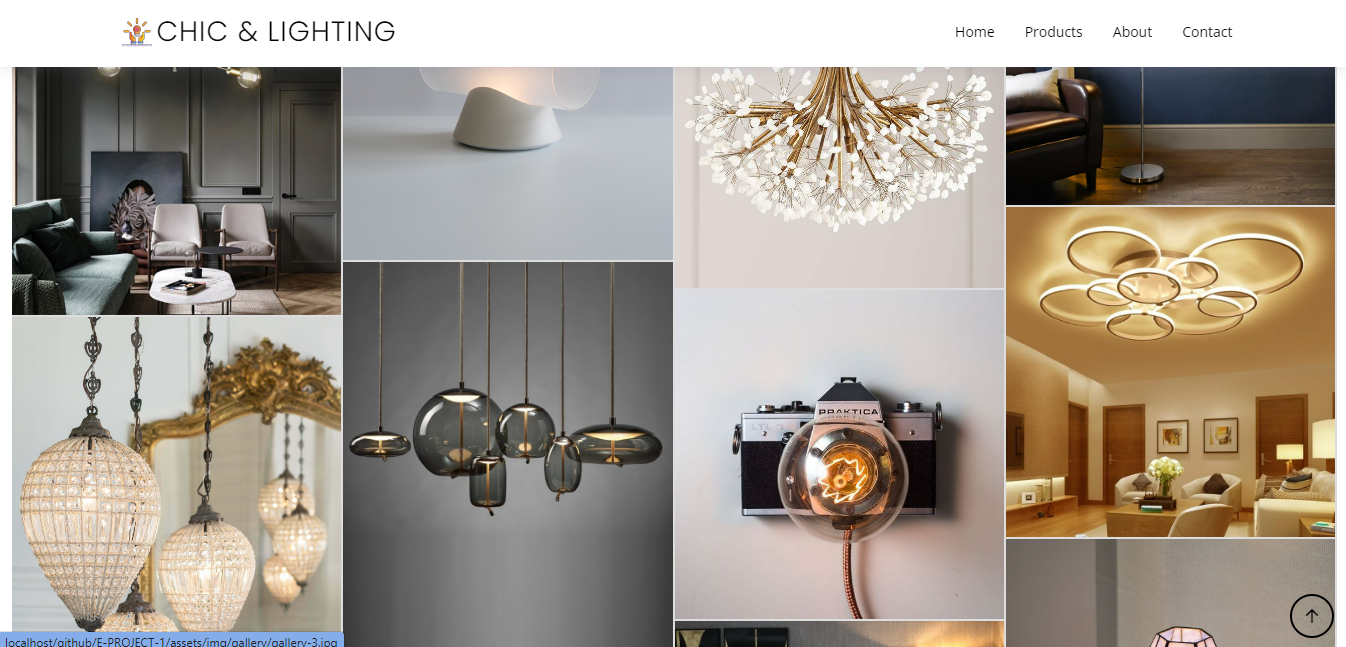
Product type slideshow



Link to Products page

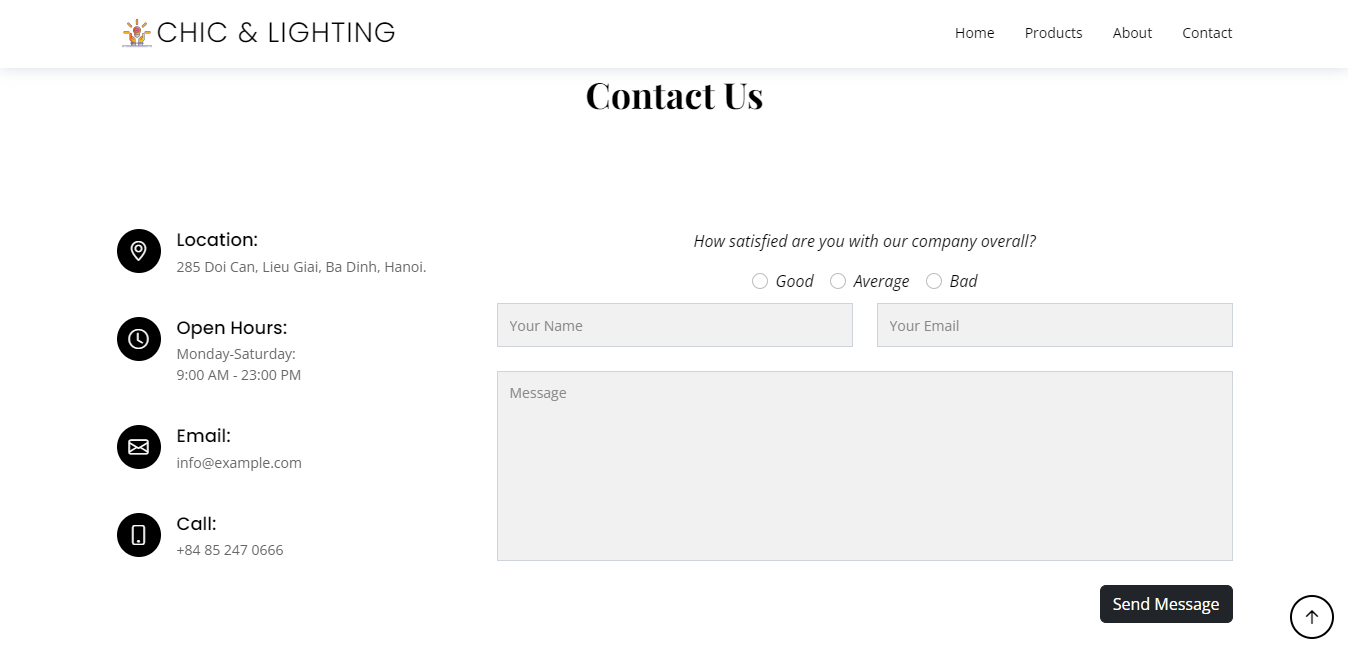


Some customer feedback



Some photo of our products

3.4.3. Feedback



after entering feedback, click this button to submit feedback and the page will be reloaded

users enter their feedback

users rate their experience by clicking on one of these boxes

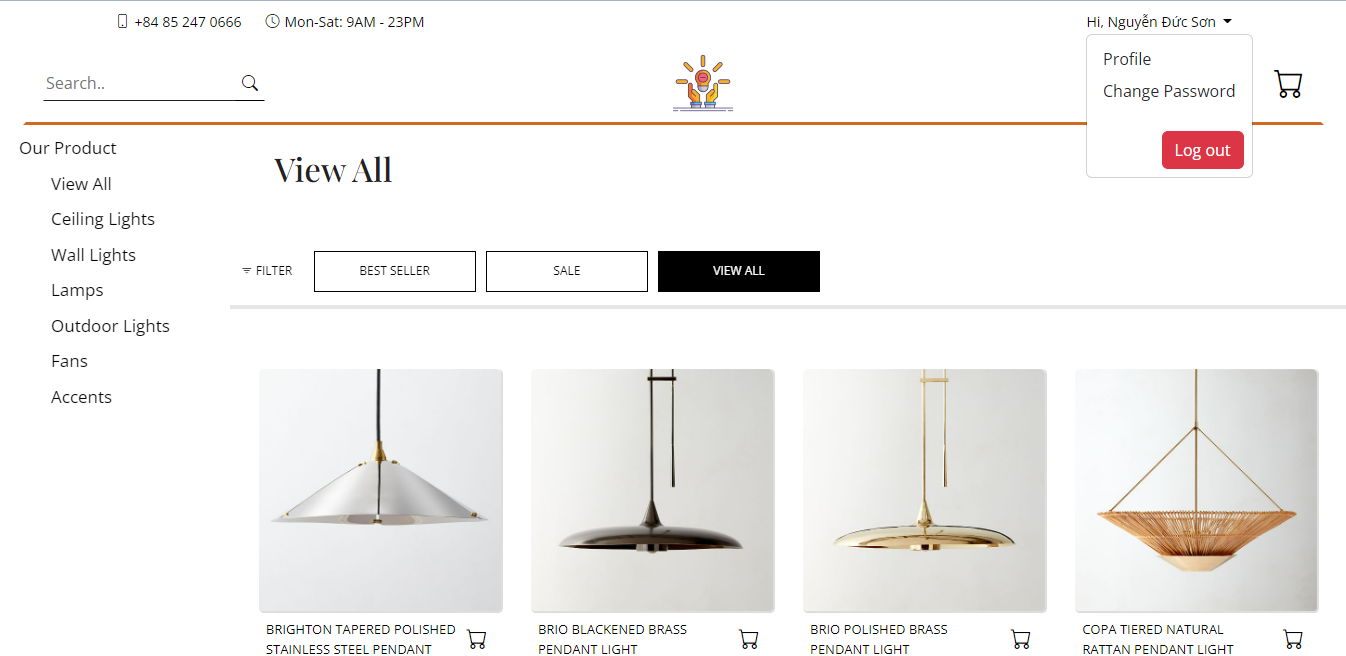
Our information

In contact page, the users can send feedback



The about page contains more information about Chic and Lighting

3.4.4. Log out, change password. Search and add to cart



Click on the cart icon to add the product to the cart

product page when users have logged in

Enter product name or keyword to search product

View users’ cart

when the user clicks logout, the screen will return to the home page

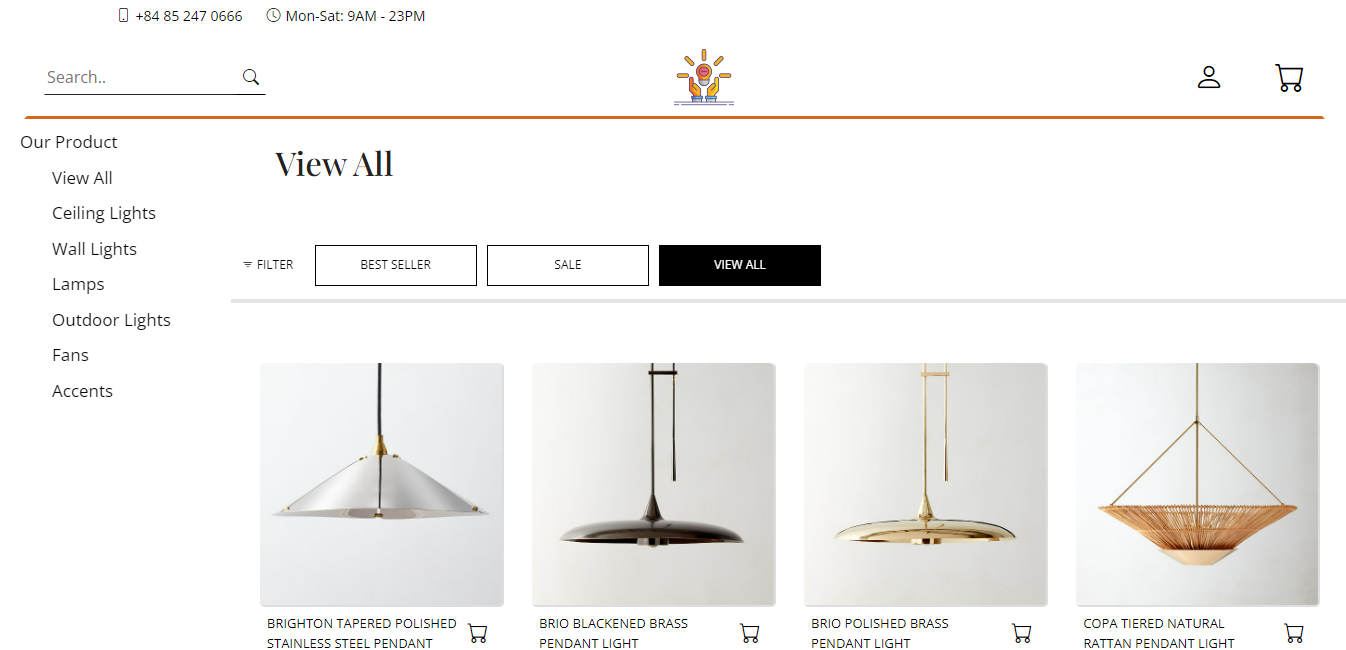
View user profile

Change password

users can view cart only when they are logged in

when the user clicks on the logo, the screen will return to the home page

Link to login form

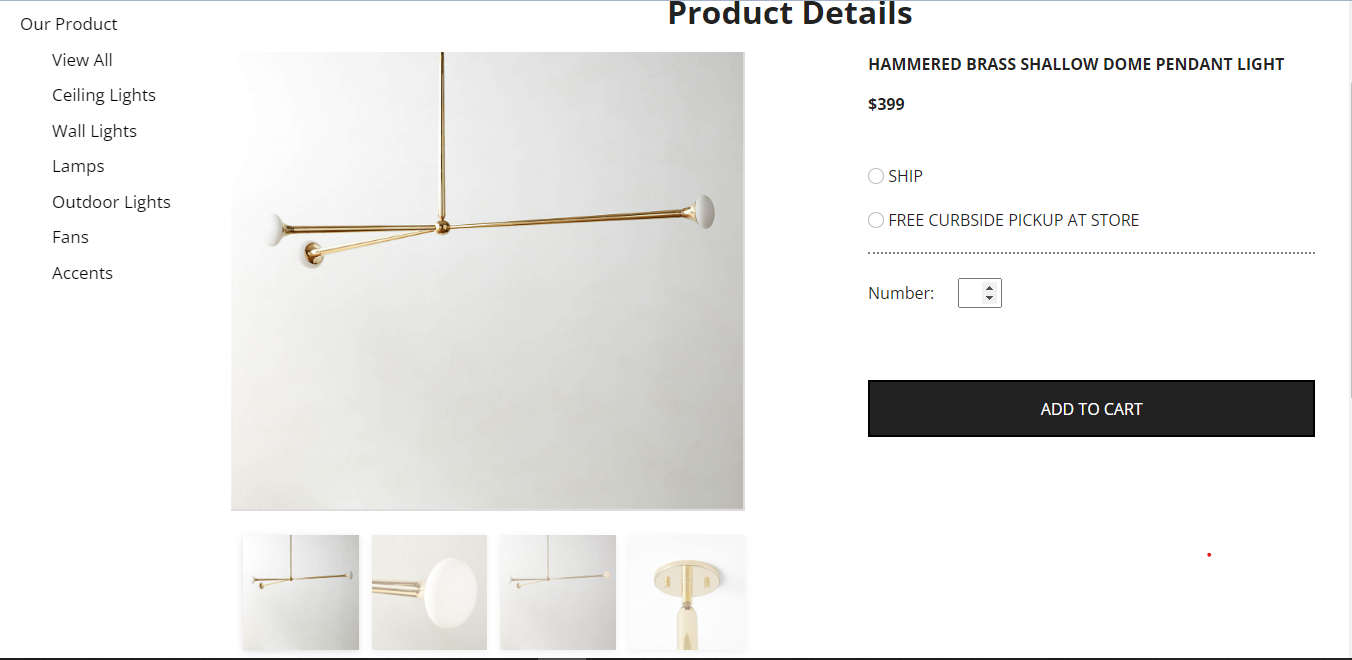


filter products by status

filter products by type

product page when users haven’t logged in

Click on the photo or product name to see details



Choose number of products

Choose ship or pickup at store

Add to carts

Click on each of these small images to display on the screen

Product details

**4. Task sheet**

|  |  |  |  |
| --- | --- | --- | --- |
| Tasks | Nguyen Hoang Nam | Nguyen Duc Hoang Son | Nguyen Tai Thanh |
| Database Design | x |  | x |
| Front-End | | | |
| Index.html | x |  |  |
| Contact.html | x |  |  |
| About.html | x |  |  |
| Product.html |  | x |  |
| Login.html | x |  |  |
| Register.html | x |  |  |
| Product.html | x | x |  |
| Product-Detail.html |  |  |  |
| Cart.html | x |  |  |
| Template | x |  |  |
| Main.js | x |  |  |
| Vendor | x | x |  |
| Back-End | | | |
| Login.php | x |  |  |
| Config.php |  |  | x |
| Feedback.php |  |  | x |
| Product.php | x |  |  |
| Register.php | x |  |  |
| Admin-Side |  |  | x |
| Main.css | x | x |  |

**5. Validation Checklists**