

**Chic Lighting & Design**

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| **Batch No:** | *T1.2210.E1* | |
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***Month****: 01* ***Year****: 2023*



This is to certify that

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| --- | --- |
| **Mr.** | **DANG VAN SANG** |
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| **Mr.** | **TRAN ANH TIEN** |

Have successfully Designed & Developed

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| **CHIC LIGHTING & DESIGN** | | |

Submitted by:

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| **Mr. DANG VAN SANG** |

Date Of Issue:

|  |  |
| --- | --- |
|  | **14 - Jan - 2023** |

Authorized Signature:

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| **Content** |

Content

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| **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. 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. 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. We will not stop learning to be more successful in the future.

Your Sincerely,

Team Group 04.

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| **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 JSON/JavaScript/Dreamweaver/HTML5 but to provide us with a real life scenario and help us create basic applications using the tools.

Therefore, 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.

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.

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| **Problem Definition** |

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

You are supposed to create a Single-Page-Application and responsive Website for them with the below mentioned requirement specifications.

The website is to be developed for the Windows Platform using HTML5, JSON, Angular JS, JavaScript and Geolocation. The site should work well in all leading browsers including Chrome, Microsoft Edge, Firefox etc.

**Functional Requirement Specification:**

The portal will be designed as a Single-Page-Application and responsive Website with a set of pages and menus that represent choice of activities to be performed. The pages, menus, and other visual elements must be designed in a visually appealing manner with attractive fonts, colors, and animations.

All of these should also be laid out in a responsive manner

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

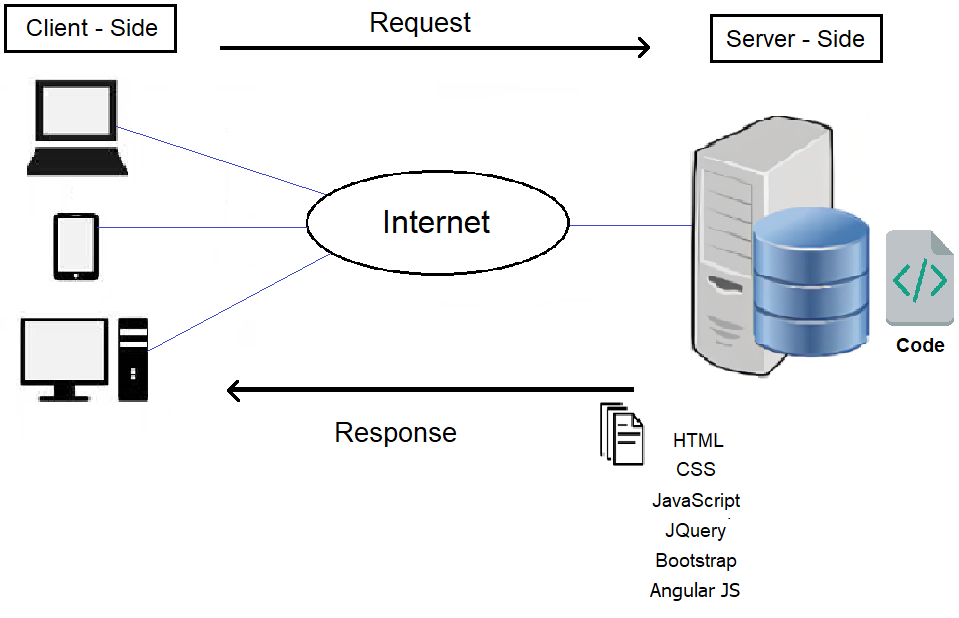
1. The Top of the Page should be presented with a suitable logo and images of Lights & Chandeliers.
2. The site must contain the various sections such as CEILING LIGHTS, WALL LIGHTS, LAMPS, OUTDOOR LIGHTS, FANS and HOME ACCENTSS etc.
3. Section on LED Lights should be provided with various products listed such as Spot Lights, Decoration Lights, Smart Lights etc.
4. Specification and Pricing of Lights should be added along with the images.
5. A menu on the Top with all sections listed should be provided.
6. Website should provide section filter for various brands offered in the store.
7. Gallery section should be added for viewing different images.
8. Feedback must be allowed to enter by the viewer
9. Site map, Gallery, About us, FAQ link, Contact us must be added.
10. The complete description must be allowed to get download as pdf or doc file.
11. Section for various offers in the store should be provided with listing of offers with details.

Over and above this, the portal should implement the following functionalities:

* Display a continuous scrolling ticker at the bottom of the page with current date, time, and location (hint: Use geolocation features of HTML5).
* Display a visitor count at the top right corner of the page beside a logo image.
* The menu options should change color on hover and also after clicking.
* Fade in and fade out options can be used for the menus.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  | | --- | | **Customer Requirements Specifications** |  |  |  | | --- | --- | | **User:** | | |  | **Input:** | |  | * Enter member registration data. * Enter member login data. * Enter data into the purchase form. * Enter data into the contact form to give suggestions to the administrator. * Enter search data by product brand. | |  | **Process:** | |  | * Check member registration information. * Check member login information. * Check purchase information. * Check the data in the contact form before sending it to the administrator. * Search products by brand. | |  | **Output:** | |  | * Error message when entering wrong registration information. Notice of successful registration. * Error message when entering incorrect login information. Successful login message. * Notice of successful purchase form. * Successful suggestion message. * Showing results after searching. * Display a visitor. | | |
| **Hardware / software requirement:** | |
|  | **Software:** |
|  | Technologies to be used:   * Frontend: HTML5, CSS, Bootstrap, JavaScript, jQuery, AngularJS. * Data Store: JSON files or TXT files |
|  | **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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| **Architecture and design of the project** |



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| **Site Map** |

The site map illustrates the navigation flow of the objects on the Web portal.

**Home**

**About Us**

**Contact Us**

**Led Lights**

**Chic’s Lights**

Spot Lights

Smart Lights

Decoration Lights

Ceiling Lights

Wall Lights

Outdoor Lights

Home Accents

Fans

Lamps

**Sign Up**

**Sign In**

**FAQ**

**Gallery**

**1900 1560**

|  |
| --- |
| **Frame Layouts** |

1. **Homepage:**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Logo Sign Up | Login | | | | | | | | | |
| Home | About Us | Gallery | Chic’s Lights | | Led Lights | | Contact Us | | 1900 1560 |
| < | | Image Slideshow | | | | > | | | |
| Best Sellers  Product card  Product card  Product card  Product card | | | | | | | | | |
| Promotion Products  Product card  Product card  Product card  Product card  New Products  Product card  Product card  Product card  Product card | | | | | | | | | |
| Contact Us  Address: ….  Email: ….  Tel: ….  Fax: …. | | FAQ  Home  About Us  Spot Lights  Smart Lights  Decoration Lights | | Fans  Lamps  Wall Lights  Ceiling Lights  Home Accents  Outdoor Lights | | | | Geolocation | |

**Description**: The interface of the Website's homepage. Users can see basic information as well as basic options of the website.

**From**: Opened from the homepage of the Website. Section: Home.

**To**: Can link to many other pages such as: About Us, Gallery, Chic’s Lights Subpage, Led Light Subpage, Contact Us, Sign In, Sign Up, FAQ, some product details page (when click to “Buy Now” at product card).

1. **About Us page:**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Logo Sign Up | Login | | | | | | | | | | |
| Home | | About Us | Gallery | | Chic’s Lights | | Led Lights | Contact Us | | 1900 1560 |
| Chic Lighting’s Information  Picture | | | | | | | Picture  Chic Lighting’s Information | | | |
| Introduce the group and information about each group member | | | | | | | | | | |
| Contact Us  Address: ….  Email: ….  Tel: ….  Fax: …. | | | FAQ  Home  About Us  Spot Lights  Smart Lights  Decoration Lights | | Fans  Lamps  Wall Lights  Ceiling Lights  Home Accents  Outdoor Lights | | | Geolocation | | |

**Description**: The interface of the website's introduction page and users can know the basic information about Chic Lighting & Design.

**From**: Opened from the About Us page. Section: About Us.

**To**: Can link to many other pages such as: Homepage, Gallery, Chic’s Lights Subpage, Led Light Subpage, Contact Us, Sign In, Sign Up, FAQ.

1. **Gallery page:**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Logo Sign Up | Login | | | | | | | | | | | |
| Home | | | About Us | Gallery | | Chic’s Lights | | Led Lights | Contact Us | | 1900 1560 |
| Chic’s Lighting & Design photo gallery  Some advantage of lights in our life  Photo  card  Photo  card  Photo  (nAM  Photo  card  Photo  card  Photo  card  Photo  card  Photo  card  (nAM  Photo  card  Photo  card  Product card  Photo  card  (nAM | | | | | | | | | | | |
| Contact Us  Address: ….  Email: ….  Tel: ….  Fax: …. | | | FAQ  Home  About Us  Spot Lights  Smart Lights  Decoration Lights | | Fans  Lamps  Wall Lights  Ceiling Lights  Home Accents  Outdoor Lights | | | Geolocation | | | |

**Description**: The interface of the gallery page and users can see some actual pictures.

**From**: Opened from the Gallery page. Section: Gallery.

**To**: Can link to many other pages such as: Homepage, About Us, Chic’s Lights Subpage, Led Light Subpage, Contact Us, Sign In, Sign Up, FAQ.

1. **Subpage of the Chic’s Lights page:** Ceiling Lights, Wall Lights, Lamps, Fans, Home Accentss, Outdoor Lights.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Logo Sign Up | Login | | | | | | | | | | |
| Home | | About Us | Gallery | | Chic’s Lights | | Led Lights | Contact Us | | 1900 1560 |
| Information of Chic’s Lights subpage.  Filter: | | | | | | | | | | |
| Product card  Product card  Product card  Product card | | | | | | | | | | |
| Product card  Product card  Product card  Product card | | | | | | | | | | |
| Contact Us  Address: ….  Email: ….  Tel: ….  Fax: …. | | | FAQ  Home  About Us  Spot Lights  Smart Lights  Decoration Lights | | Fans  Lamps  Wall Lights  Ceiling Lights  Home Accents  Outdoor Lights | | | Geolocation | | |

**Description**: The interface of each subpage of Chic’s Lights page. Users can view product informations, can click “Buy Now” to see details of that product.

**From**: Opened from the Ceiling Lights page, Wall Lights page, Lamps page, Fans page, Home Accents page, Outdoor Lights page.

Section: Ceiling Lights, Wall Lights, Lamps, Fans, Home Accentss, Outdoor Lights.

**To**: Can link to many other pages such as: Homepage, About Us, Gallery, Chic’s Lights Subpage, Led Lights Subpage, Contact Us, Sign In, Sign Up, FAQ, Product details page (when click to “Buy Now” at product card).

1. **Subpage of the Led Lights page:** Spot Lights, Smart Lights, Decoration Lights.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Logo Sign Up | Login | | | | | | | | | | |
| Home | | About Us | Gallery | | Chic’s Lights | | Led Lights | Contact Us | | 1900 1560 |
| Information of Led Lights subpage.  Filter: | | | | | | | | | | |
| Product card  (nAM  Product card  Product card  Product card | | | | | | | | | | |
| .  Product card  Product card | | | | | | | | | | |
| Contact Us  Address: ….  Email: ….  Tel: ….  Fax: …. | | | FAQ  Home  About Us  Spot Lights  Smart Lights  Decoration Lights | | Fans  Lamps  Wall Lights  Ceiling Lights  Home Accents  Outdoor Lights | | | Geolocation | | |

**Description**: The interface of each subpage of the Led Lights page. Users can view product informations, can click “Buy Now” to see details of that product.

**From**: Opened from the Spot Lights page, Smart Lights page, Decoration Lights page. Section: Spot Lights, Smart Lights, Decoration Lights.

**To**: Can link to many pages such as: Homepage, About Us, Gallery, Chic’s Lights Subpage, Led Lights Subpage, Contact Us, Sign In, Sign Up, FAQ, Product details page (when click to “Buy Now” at product card).

1. **Product details page:**

|  |  |  |
| --- | --- | --- |
| < Product images slideshow > | Product details infomations  Add to Cart  Buy Now | |
| Back Home  Send  Enter your comment | | |

**Description**: The interface of each product detail page. Users can see detailed product informations.

**From**: Opened from each product detail page.

**To**: Can link to Homepage, Purchase page.

1. **Contact Us page:**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Logo Sign Up | Login | | | | | | | | | | | | |
| Home | | About Us | Gallery | | Chic’s Lights | | | Led Lights | Contact Us | | 1900 1560 | |
| Geolocation | | | | | | | | | | | | |
| **Head Office**   * *Address:* * *Email:* * *Tel:* * *Fax:*   **Da Nang Brand**   * *Address:* * *Email:* * *Tel:* * *Fax:* | | | | | | | Full name  Email  Phone  Comment  Send Information | | | | | |
| Contact Us  Address: ….  Email: ….  Tel: ….  Fax: …. | | | FAQ  Home  About Us  Spot Lights  Smart Lights  Decoration Lights | | | Fans  Lamps  Wall Lights  Ceiling Lights  Home Accents  Outdoor Lights | | | Geolocation | | | |

**Description**: The interface of Contact Us page. Users can see contact information.

**From**: Opened from Contact Us page. Section: Contact Us.

**To**: Can link to many other pages such as: Homepage, About Us, Gallery, Chic’s Lights Subpage, Led Light Subpage , Sign In, Sign Up, FAQ.

1. **Sign In page:**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Logo Sign Up | Login | | | | | | | | | | | |
| Home | | | About Us | Gallery | | Chic’s Lights | | Led Lights | Contact Us | | 1900 1560 |
| Login Form  Username  Password  Already have an account? Register Now  Login | | | | | | | | | | | |
| Contact Us  Address: ….  Email: ….  Tel: ….  Fax: …. | | | FAQ  Home  About Us  Spot Lights  Smart Lights  Decoration Lights | | Fans  Lamps  Wall Lights  Ceiling Lights  Home Accents  Outdoor Lights | | | Geolocation | | | |

**Description**: The interface of Sign In page. Users can login to their account.

**From**: Opened from Sign In page. Section: Login.

**To**: Can link to many other pages such as: Homepage, About Us, Gallery, Chic’s Lights Subpage, Led Light Subpage, Contact Us, Sign Up, FAQ.

1. **Sign Up page:**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Logo Sign Up | Login | | | | | | | | | | | |
| Home | | About Us | Gallery | | Chic’s Lights | | Led Lights | Contact Us | | 1900 1560 | |
| Registration Form  Username  Full name  Password  Confirm Password  Email  Male Female  Register | | | | | | | | | | | |
| Contact Us  Address: ….  Email: ….  Tel: ….  Fax: …. | | | FAQ  Home  About Us  Spot Lights  Smart Lights  Decoration Lights | | Fans  Lamps  Wall Lights  Ceiling Lights  Home Accents  Outdoor Lights | | | Geolocation | | | |

**Description**: The interface of Sign Up page. Users can register a new account.

**From**: Opened from Sign Up page. Section: Sign Up.

**To**: Can link to many other pages such as: Homepage, About Us, Gallery, Chic’s Lights Subpage, Led Light Subpage, Contact Us, Sign In, FAQ.

1. **Product details page:**

|  |  |
| --- | --- |
| Purchase Information | |
| Full name  Phone  Name of product  Quantity  Address  Note | Submit |

**Description**: The interface of purchase page. Users can fill information to this form and click “Submit”. The information will be sent.

**From**: Opened from each product detail page.

**To**: Can link to Homepage, Purchase page.

1. **FAQ page:**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Logo Sign Up | Login | | | | | | | | | | | |
| Home | | About Us | Gallery | | Chic’s Lights | | Led Lights | Contact Us | | 1900 1560 | |
| Frequently Asked Questions | | | | | | | | | | | |
| Contact Us  Address: ….  Email: ….  Tel: ….  Fax: …. | | | FAQ  Home  About Us  Spot Lights  Smart Lights  Decoration Lights | | Fans  Lamps  Wall Lights  Ceiling Lights  Home Accents  Outdoor Lights | | | Geolocation | | | |

**Description**: The interface of FAQ page. Users can view frequently asked questions and answers from previous customers who have purchased at Chic Lighting & Design.

**From**: Opened from FAQ page. Section: FAQ (at footer).

**To**: Can link to many other pages such as: Homepage, About Us, Gallery, Chic’s Lights Subpage, Led Light Subpage, Contact Us, Sign In.

|  |
| --- |
| **Testing document** |

|  |  |  |
| --- | --- | --- |
| **Sr.No** | **Features Tested** | **Remarks** |
| 1 | Check Login Form:   1. Enter username: Do not leave blank and username must be between 5-12 characters. 2. Enter password: Do not leave blank, password must have at least 5 characters and must include letters and numbers. 3. Click “Login” button. |  |
| 2 | Check Registration Form   1. Enter username: Do not leave blank and username must be between 5-12 characters. 2. Enter full name: Do not leave blank 3. Enter password: Do not leave blank, password must have at least 5 characters and must include letters and numbers. 4. Enter confirm password: must be the same as the password field. 5. Enter email: Do not leave blank, correct format of email. 6. Click to select gender: Male / Female. 7. Click “Register” button. |  |
| 3 | Check the search button by product brand in Product Subpage / Led Light Subpage. |  |
| 4 | Check Purchase Information:   1. Enter full name: Do not leave blank. 2. Enter phone: Do not leave blank, correct format phone. 3. Enter name of product: Do not leave blank. 4. Enter quantity: at least 1. 5. Enter address: Do not leave blank. 6. Enter note. 7. Click “Submit” button. |  |

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| **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 web page 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? |  |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Member** | | **Contents** | **Page Name** | **Activity Plan** | **Date of Preparation of Activity Plan** | | | |
| **Planed Start Date** | **Actual Start Date** | **Actual Days** | **Status** | |
| 1 | Đặng Văn Sang | | Home | Home.html | 14-01-2023 | 15-01-2023 | 25 | Ok | |
| 2 | Sign In | SignIn.html | 14-01-2023 | 15-01-2023 | 25 | Ok | |
| 3 | Sign Up | SignUp.html | 14-01-2023 | 15-01-2023 | 25 | Ok | |
| 4 | Decoration Lights | DecorationLights.html | 14-01-2023 | 15-01-2023 | 25 | Ok | |
|  | | | | | | | | | |
| 1 | Nguyễn Minh Khang | | Contact Us | ContactUs.html | 14-01-2023 | 15-01-2023 | 25 | Ok | |
| 2 | About Us | AboutUs.html | 14-01-2023 | 15-01-2023 | 25 | Ok | |
| 3 | Spot Lights | SpotLights.html | 14-01-2023 | 15-01-2023 | 25 | Ok | |
| 4 | Smart Lights | SmartLights.html | 14-01-2023 | 15-01-2023 | 25 | Ok | |
| 1 | | Trần Quốc Khánh | Wall Lights | WallLights.html | 14-01-2023 | 15-01-2023 | 25 | | Ok |
| 2 | | Ceiling Lights | CeilingLights.html | 14-01-2023 | 15-01-2023 | 25 | | Ok |
| 3 | | Lamps | Lamps.html | 14-01-2023 | 15-01-2023 | 25 | | Ok |
|  | | | | | | | | | |
| 1 | Trần Anh Tiến | | Outdoor Lights | OutdoorLights.html | 14-01-2023 | 15-01-2023 | 25 | Ok | |
| 2 | Fans | Fans.html | 14-01-2023 | 15-01-2023 | 25 | Ok | |
| 3 | Home Accents | HomeAsccent.html | 14-01-2023 | 15-01-2023 | 25 | Ok | |