**HomeEleganz**

An online store that specializes in offering a large selection of goods and accessories made especially for home décor is known as a home decor e-commerce website. A wide range of products, including wall art, furniture, lamps, curtains, rugs, and more, are available on these websites. Customers can easily browse through different categories, styles, and price ranges using their user-friendly interface to find products that meet their needs and preferences. In addition, a lot of these websites provide inspiration, interior design advice, and personalized recommendations to assist users in seeing how various elements can work together to create aesthetically pleasing living areas. These websites are well-liked by people wishing to improve their online shopping experience because of the ease of shopping, wide selection of products, and occasionally the ability to visualize rooms virtually.

A screenshot of a homepage

Description automatically generated

**Products:**

**A screenshot of a website

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**Brands Partner:**

**A screenshot of a cellphone

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**Contact Us:**

**A screenshot of a computer

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**Registration:**

**A screen shot of a register

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**Login:**

**A screenshot of a login form

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**Search bar Working:**

**A screen shot of a computer code

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1. **Request Handling**:
   * The function takes in a request object, presumably containing a 'search' parameter.
   * It retrieves the 'search' input from the request: **$search = $request->input('search');**
2. **Variable Initialization**:
   * Initializes variables for the view: **$slug="product dashboard"; $title="Search Results";**
3. **Product Query**:
   * + This query searches for products where either the 'name' column or the 'description' column matches the search input using the **LIKE** clause to find partial matches.
     + The **%$search%** syntax is used to search for the provided string within the 'name' or 'description' columns.
     + The **paginate (10)** method paginates the results, displaying 10 products per page.
4. **Returning the View**:
   * The function then returns a view named **'admin. products. index'** along with the search results (**$products**), the slug, and the title using the **compact** method.
   * The view likely renders a page displaying the search results, utilizing the passed variables within the view file to structure and display the data.

**A screenshot of a website

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**Searching Result**

**Admin Dashboard Search Results:**

**A screenshot of a computer

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