



# PROJECT REPORT

## FANIMATION

### Group Members:

Student1460224	UROOJ
Student1472235	LAIBA
Student1480056	MUHAMMAD ASIF
Student1477742	SYED SAAD ALI

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## 1. **Introduction:**

### 1.1 **Background and Necessity for the Website**

The fan is a necessity and plays a pivotal role in ensuring efficient operation and optimal comfort. Its importance lies in its ability to facilitate the flow and circulation of air throughout the system and the building. Let's explore why the fan is essential and the benefits it offers:

#### **Air Circulation:**

The fan is responsible for moving air and distributing it evenly within the space. It helps maintain consistent temperatures by ensuring that conditioned air reaches all areas of the building. Without proper air circulation, certain areas may experience hot or cold spots, leading to discomfort and inefficient heating or cooling.

#### **Ventilation:**

In the ventilation system, the fan helps in the exchange of fresh air and the removal of stale air, odors, and pollutants. It aids in bringing in fresh outdoor air and expelling indoor air, ensuring a healthy and breathable indoor environment.

#### **Improved Indoor Air Quality:**

Fans generally have built-in air filters that help remove dust, allergens, and contaminants from the circulating air. This improves indoor air quality by reducing the presence of airborne particles that can cause allergies and respiratory issues.

#### **Energy Efficiency:**

Proper air circulation facilitated by the fan ensures that conditioned air reaches all areas of the building, reducing the strain on the HVAC system. This leads to improved energy efficiency and lower energy bills, as the system does not have to work as hard to achieve the desired



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temperature.

### **Noise Reduction:**

The fan also aids in reducing noise. By circulating the air and eliminating stagnant air pockets, it helps minimize sound vibrations generated by the system. This contributes to a quieter and more peaceful indoor environment.

### **Comfort Enhancement:**

The fan's ability to circulate air ensures a more comfortable living or working spaces. It helps to distribute warm or cool air evenly, eliminating temperature variations and creating a consistent and pleasant environment for occupants.

## 2. **Project Overview**

Fanimation is in the business of revolutionizing home appliances, by solving one problem at a time. Every household appliance we create blends mindful design, energy-efficiency and next-gen smart tech. We think, dream and obsess over customer experience. We are Fanimation.

Fanimation is a global manufacturer of standard and custom fans and fan accessories. With over 40 years of experience, Fanimation has been supplying quality engineered cooling products and assemblies to a wide range of industries and applications. Fanimation has engineering, sales, and manufacturing facilities.

### **2.1 Scope of Project**

This Web portal will be a responsive and visually appealing Website to be used by individuals.

### 3. **Requirement Analysis:**

#### **3.1 Functional Requirements**

- **Pages and menus**
  - Catalog Display
  - Search and Navigation
  - Sorting and Filtering
  - Plant Information
  - Shopping Cart and Checkout
  - Feedback
  - Contact Us
  - Sitemap

#### **3.2 Non Functional Requirements**

- Website Security
- User Accessibility
- Intuitive User Experience
- Operational Reliability
- Optimal Performance
- Scalability
- Continuous Availability
- Cross-Browser Compatibility

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## 4. Interface Specification

### 4.1 Hardware

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

### 4.2 Software

- HTML5
- CSS3
- Bootstrap

## 5. Design and Development:

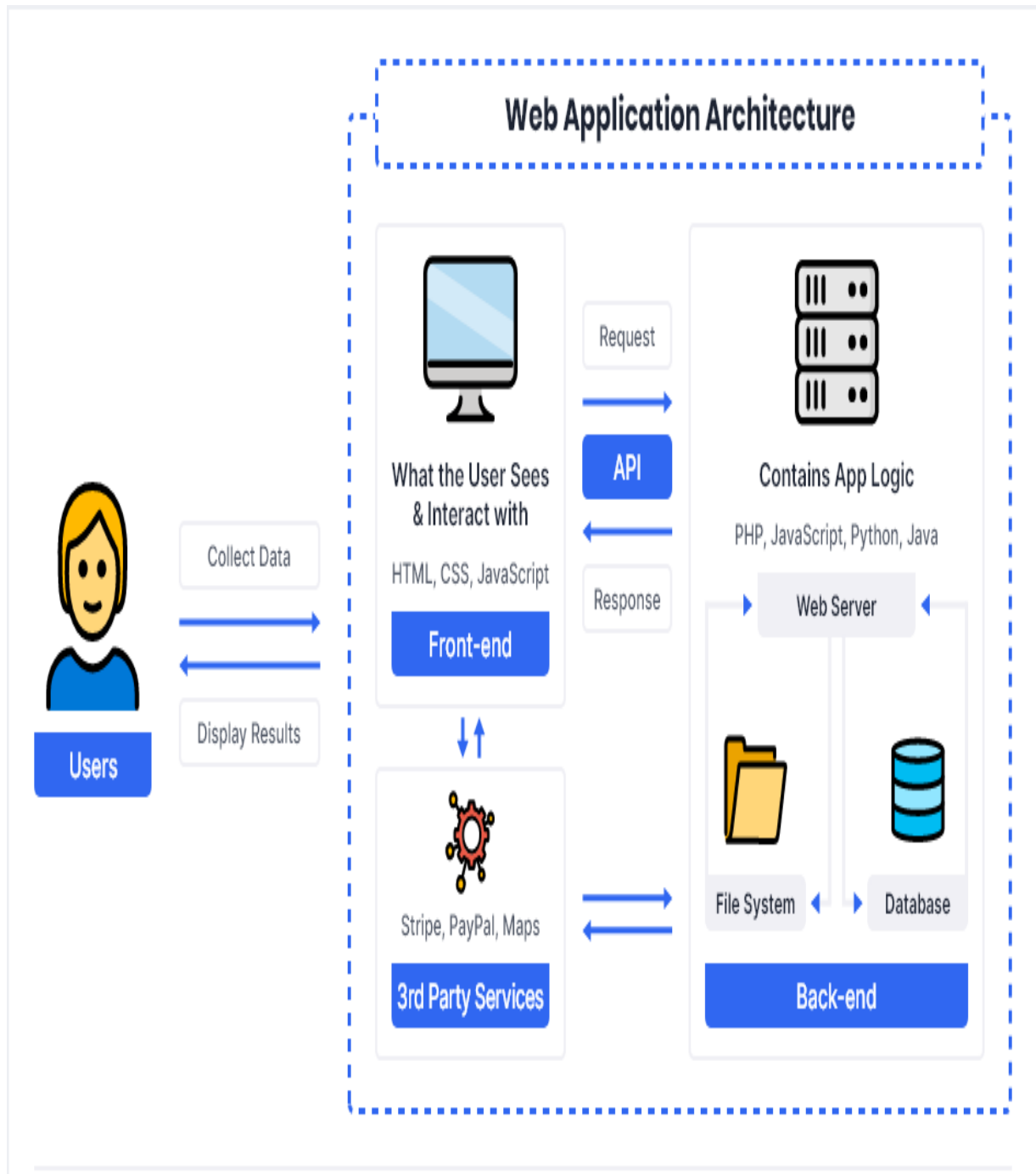
For Thrift Fashion e-commerce store, you must record your Table Design details

### • Designing the Process Modules

The modules could be:

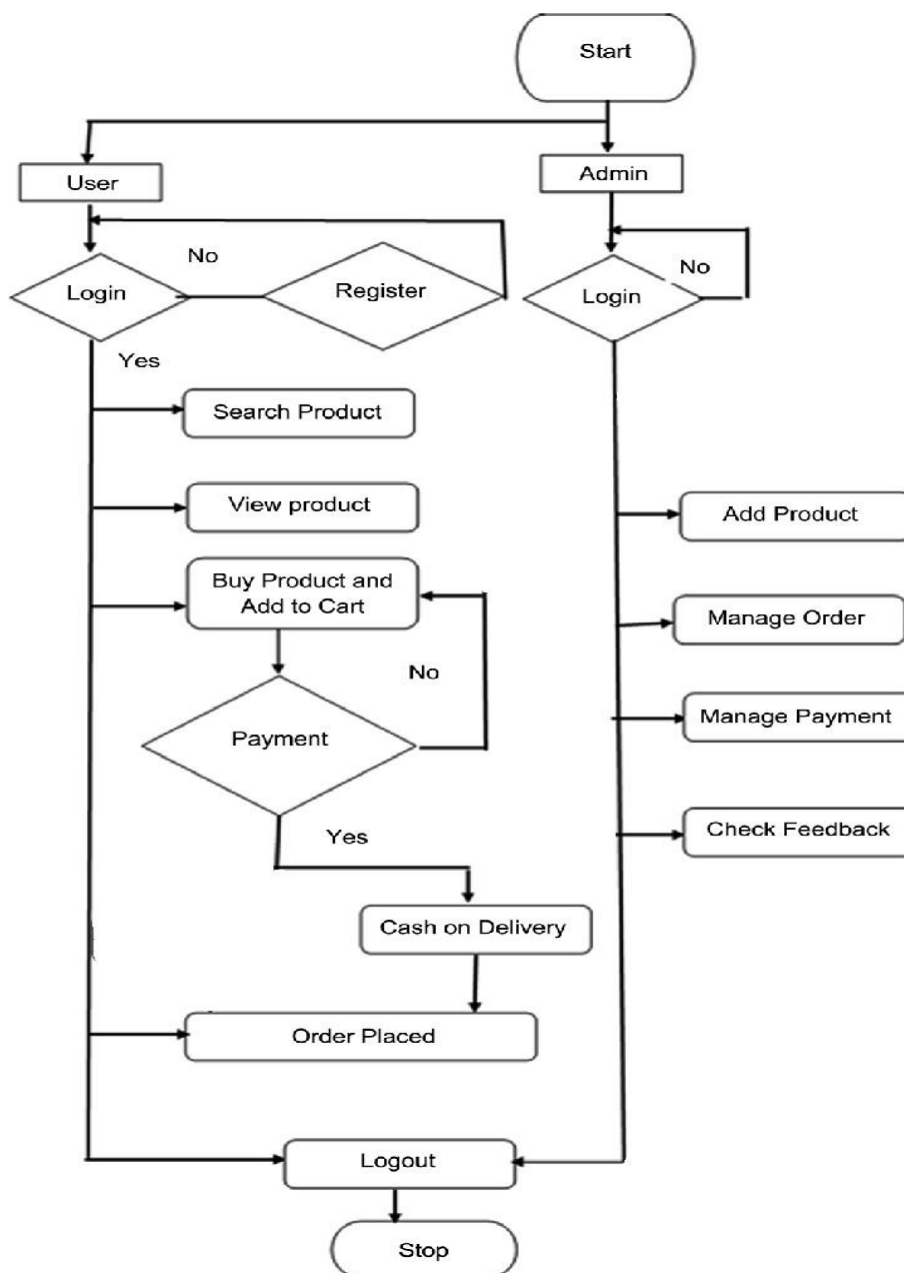
- Login
- Registration
- Order
- Checkout

## 5.1 Architecture of web application

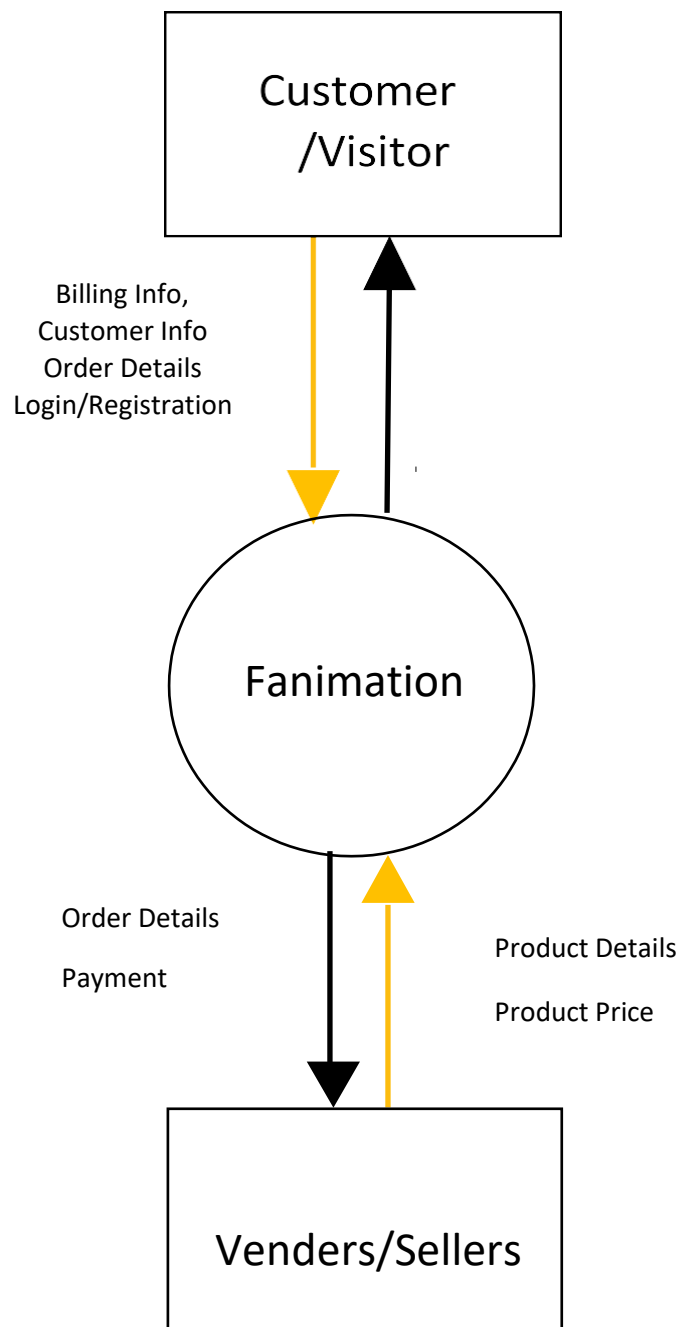




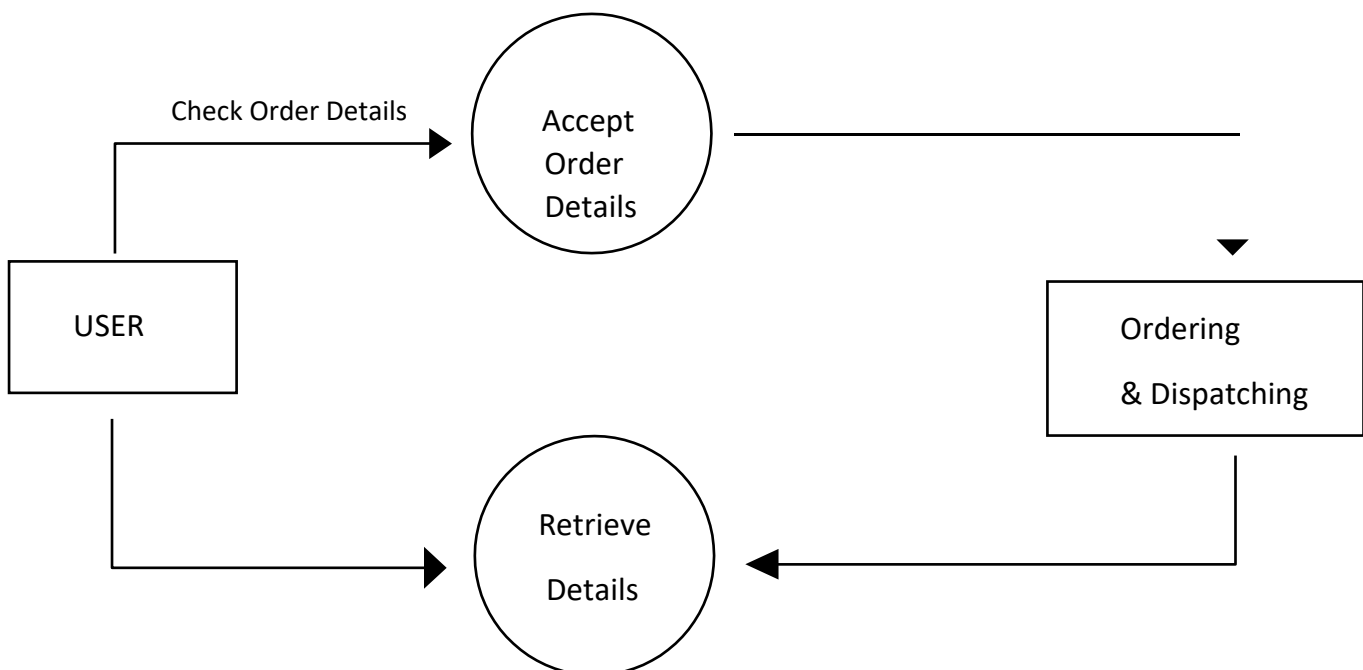
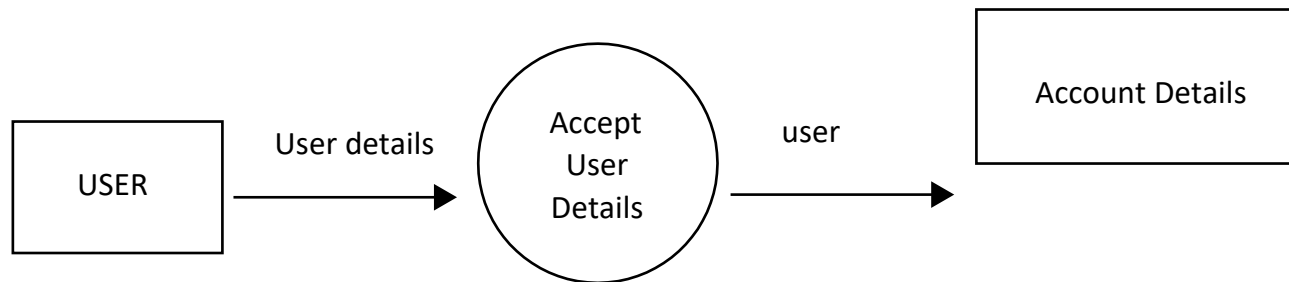
## 5.2 Data Flow Diagram(DFD):



## 5.2 Data Flow Diagram(DFD):



## 5.2 Data Flow Diagram(DFD):



## 5.3 Code Samples:-

```
<!-- Start Header/Navigation -->
<nav class="custom-navbar navbar navbar-expand-md navbar-dark bg-dark" arial-label="Furni navigation bar">

    <div class="container">
        <a class="navbar-brand" href="index.html">
            <!-- Fanimation<span>.</span> -->
            
        </a>

        <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarsFurni"
            aria-controls="navbarsFurni" aria-expanded="false" aria-label="Toggle navigation">
            <span class="navbar-toggler-icon"></span>
        </button>

        <div class="collapse navbar-collapse" id="navbarsFurni">
            <ul class="custom-navbar-nav navbar-nav ms-auto mb-2 mb-md-0">
                <li class="nav-item active">
                    <a class="nav-link" href="index.html">Home</a>
                </li>
                <li><a class="nav-link" href="#product">Product</a></li>
                <li><a class="nav-link" href="#choseus">Why Choose Us</a></li>
                <li><a class="nav-link" href="#about">About us</a></li>
                <li><a class="nav-link" href="#faq">FAQs</a></li>
                <li><a class="nav-link" href="#contact">Contact us</a></li>
            </ul>
        </div>
    </div>
```

```
<!-- Start Column 3 -->
<div class="col-12 col-md-4 col-lg-3 mb-5">
    <a class="product-item" href="#" data-bs-toggle="modal" data-bs-target="#modalTen">
        
        <h3 class="product-title">Ceiling Fan 10</h3>
        <strong class="product-price">$78.00</strong>

        <span class="icon-cross">
            
        </span>
    </a>
</div>
<!-- End Column 3 -->

<!-- Start Column 4 -->
<div class="col-12 col-md-4 col-lg-3 mb-5">
    <a class="product-item" href="#" data-bs-toggle="modal" data-bs-target="#modalEleven">
        
        <h3 class="product-title">Ceiling Fan 12</h3>
        <strong class="product-price">$43.00</strong>

        <span class="icon-cross">
            
        </span>
    </a>
</div>
<!-- End Column 4 -->
```



```
<!-- Start Modal #10 -->
<div class="modal fade" id="modalTen" data-bs-backdrop="static" data-bs-keyboard="false" tabindex="-1"
  aria-labelledby="modalTenLabel" aria-hidden="true">
  <div class="modal-dialog modal-dialog-centered modal-lg">
    <div class="modal-content">
      <div class="modal-header">
        <h5 class="modal-title" id="modalTenLabel">Product Details</h5>
        <button type="button" class="btn-close" data-bs-dismiss="modal" aria-label="Close"></button>
      </div>
      <div class="modal-body">
        <div class="container-fluid">
          <div class="row">
            <div class="col-12 col-lg-6">
              
            </div>
            <div class="col-12 col-lg-6 product-details">
              <h2>Ceiling Fan 10</h2>
              <p>Embrace and welcome pure brilliance into your living space.</p>
              <h4>$50.00</h4>
              <div>
                <div class="rate mt-3">
                  <input type="radio" id="star50" name="rate" value="5" />
                  <label for="star50" title="text">5 stars</label>
                  <input type="radio" id="star49" name="rate" value="4" />
                  <label for="star49" title="text">4 stars</label>
                  <input type="radio" id="star48" name="rate" value="3" />
                  <label for="star48" title="text">3 stars</label>
                  <input type="radio" id="star47" name="rate" value="2" />
                  <label for="star47" title="text">2 stars</label>
                </div>
              </div>
            </div>
          </div>
        </div>
      </div>
    </div>
  </div>
</div>
```

## **6. Functionality:-**

In this Web application, there are two categories of users: Admin and User. The admin can view, add, delete, and update fans. Admin also has the privilege of viewing users, order details, and user reviews. Users can view fans, and add items to their cart, or keep items in their Wishlist. Users can view their cart and perform checkout. They can perform search, sort, and filter operations.

Following list explains major features expected from Fans.

### **For Users:**

- Home Page: The home page should typically showcase a selection of featured categories, and so on. It should also introduce the online fans.
- Account Registration: The registration option shall allow new users (henceforth, called as users) to create secure accounts. It will enable users to register themselves with Fanimation. At the time of registration, users must provide Name, Email ID, Contact Number, and Username, and then, configure their Password.
- Login: This option will allow successfully registered users to login to the fanimation application and access various features of the application through menus or sidebars.
- Settings: Users will be able to manage their accounts by using sub-options such as Create, Update, and Delete Profile.

## **6.1 User Functionality**

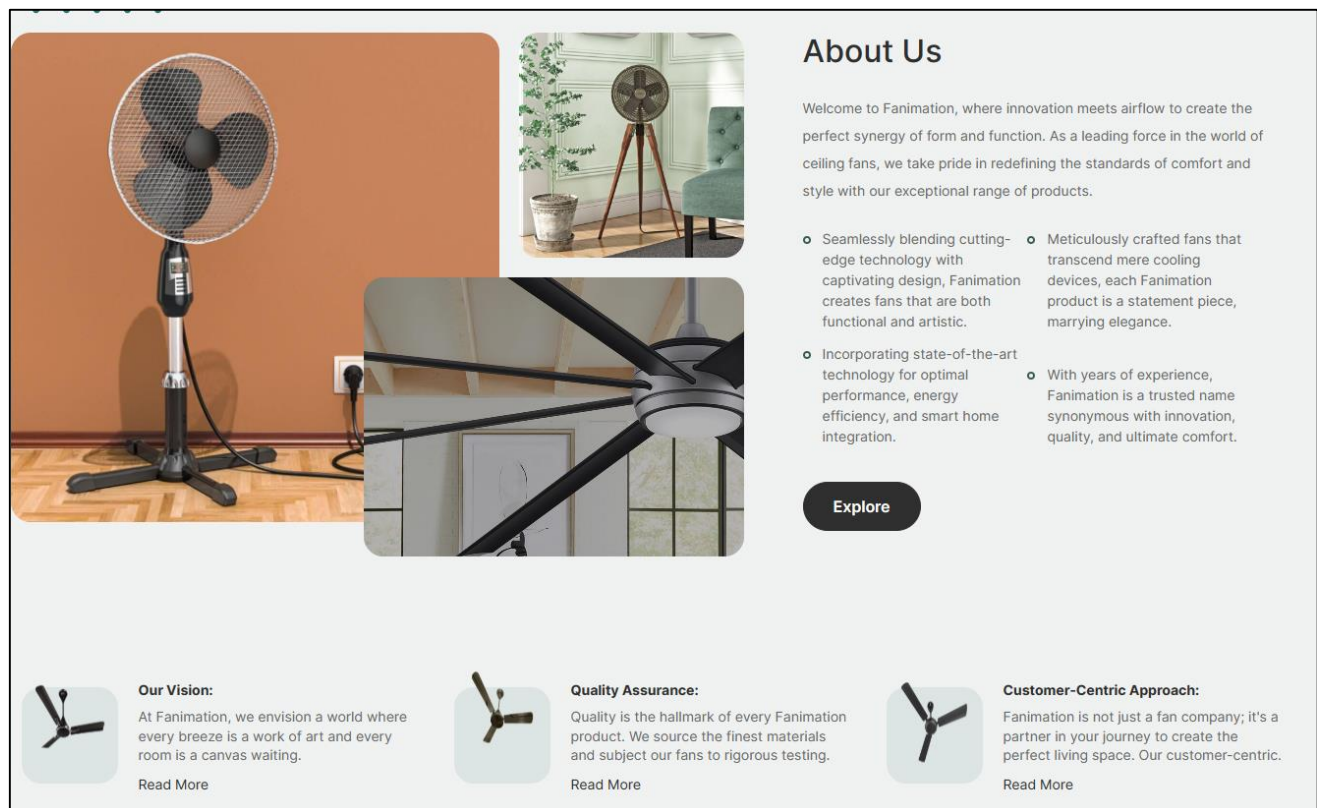
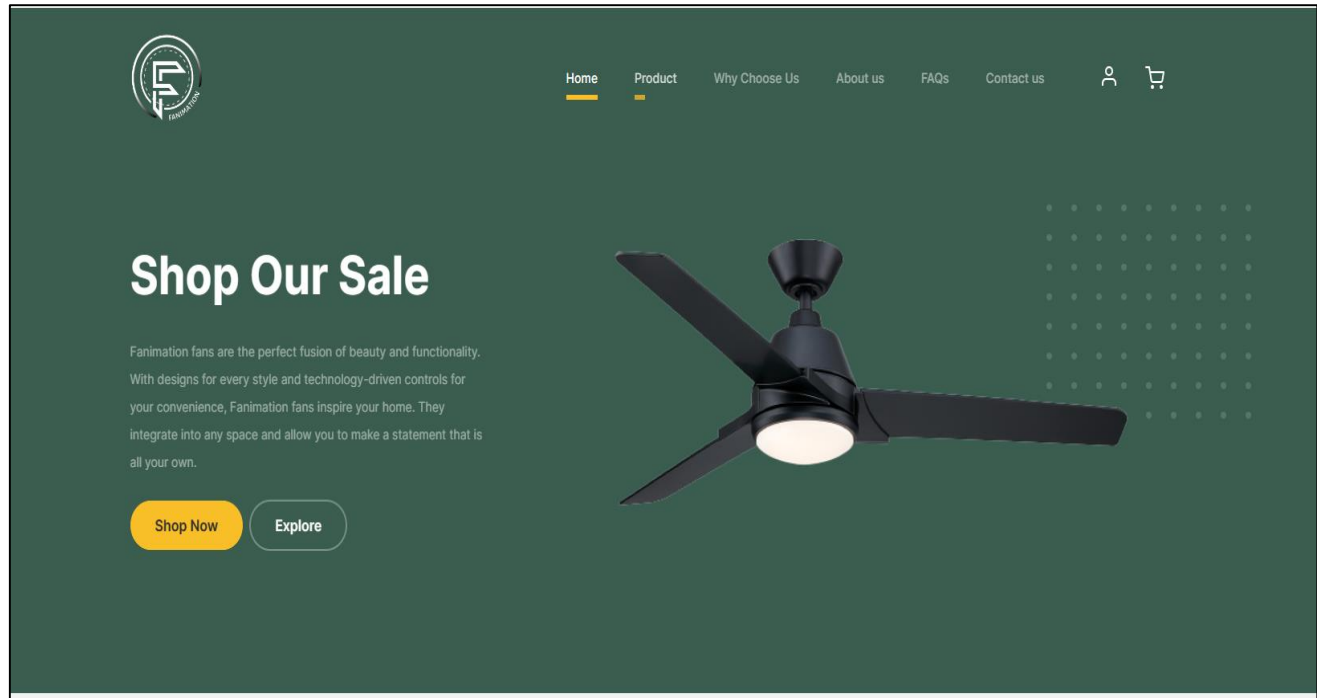
Fans catalog should be displayed using an image gallery and can have information such as fan name, price, discount (if any), description, and so on. Each fan or tool should have Add to Cart and Add to Wishlist feature.

- Cancel Order: Users can cancel an already placed order through this option.
- My Cart: Users can view their cart.
- Submit Reviews: Users can give reviews about plants and accessories they purchased.
- Contact Us: This option should display Email id, address, and contact number of the organization who is developing the application.
- Submit Feedback: Users can submit their feedback regarding the application using a feedback form. Following are options available for

### **Admin:**

- Login: It will allow admin to login to the Web application and add fans, view orders, and so on.

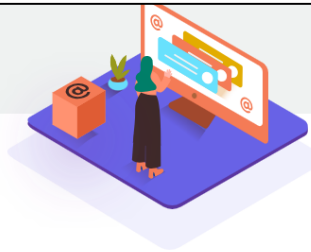
## 7 Some Screenshot of Website:





## Frequently Asked Questions

Unlock insights, find solutions, and delve into the details of Fanimation products and services with our comprehensive Frequently Asked Questions (FAQs). Whether you're curious about the technology behind our fans, seeking installation guidance, or want to know more about customization options, this section is your go-to resource for clarity and convenience. Discover the answers to common inquiries and make your Fanimation experience seamless.



### What makes Fanimation fans different from others on the market? ^

Fanimation fans are distinguished by their innovative design, cutting-edge technology, and meticulous craftsmanship. We strive to create products that not only provide exceptional performance but also serve as statement pieces in any space.

### How can I choose the right fan for my space? ^

Our website features a comprehensive guide to help you choose the perfect fan based on your room size, style preferences, and functionality requirements. Additionally, our customer support team is always ready to assist you in making the right choice.

### Are Fanimation fans energy-efficient? ^

Yes, Fanimation is committed to sustainability. Many of our fans are designed with energy efficiency in mind, featuring advanced motor technology and eco-friendly materials to minimize environmental impact.

### Do Fanimation fans come with a warranty? ^

Absolutely. We stand behind the quality of our products. Fanimation fans typically come with a limited warranty, ensuring your peace of mind and satisfaction with your purchase. Please refer to the product documentation for specific warranty details.

### Can I install a Fanimation fan myself, or do I need a professional? ^

While some of our fans are designed for easy DIY installation, we recommend consulting a professional electrician for optimal safety and performance. Our installation manuals provide detailed instructions, and our customer support team is available to answer any questions.



XYZ Street, Karachi, Pakistan



info@fanimation.com



+92 3925 3939

First name

Last name

Email address

Message

Send Message



Fanimation fans are the perfect fusion of beauty and functionality. With designs for every style and technology-driven controls for your convenience, Fanimation fans inspire your home. They integrate into any space and allow you to make a statement that is all your own.



#### Useful Links

[Home](#)[Product](#)[About Us](#)[Why Choose Us](#)[FAQs](#)[Contact Us](#)[career](#)

#### Our Category

[career](#)[Our team](#)[Leadership](#)[Privacy Policy](#)

#### Our Brand

[Pak Fans](#)[Sufi Fans](#)[Royal Fans](#)[Khurshid Fans](#)

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## **8.User Guide:**

### **System requirement**

s.no	Items	Description
1.	Operating system	Microsoft windows 8.1, 8, 10
2.	Software	Visual studio code 2017