Windflower Whiskey Website

Objective

The goal of this project is to create a visually appealing and functional website for Windflower Whiskey, showcasing its products and events using modern web technologies. The website incorporates a responsive design, engaging visuals, and user-friendly navigation.

Coding Overview

1. HTML Structure

- The website is built using standard HTML5, starting with a <!DOCTYPE html> declaration and structured with <head>, <body>, and appropriate semantic elements.

- Key sections include:

    - **Header**: Includes the title and links to CSS stylesheets.

    - **Main Content**: Features welcome text, product carousels, featured products, new arrivals, best sellers, and promotions.

    - **Event Carousels**: Displays upcoming whiskey events with descriptive captions.

    - **Footer**: Contains social media links and copyright information.

2. CSS Styling

- The styles.css file contains custom styles, enhancing the default Bootstrap framework.

- Key styles include:

    - **Body**: A gradient background and custom font (Impact).

    - **Fade-in Animation**: Elements appear smoothly using CSS keyframes for engaging entry effects.

    - **Hover Effects**: Cards scale up and gain shadow on hover, enhancing interactivity.

3. Bootstrap Integration

- The project utilizes Bootstrap 4 for layout and responsive design:
    - **Grid System**: Utilized for arranging product cards and event listings.
    - **Carousel Component**: Implements Bootstrap's carousel for product showcases and event highlights.

4. JavaScript Functionality

- Basic interactivity is powered by jQuery and Bootstrap's JS components:
    - Carousel functionality is enabled using data-ride="carousel".
    - Carousel controls are included for navigation between items.

5. Responsive Design

- The website is responsive, adjusting layout and navigation based on the screen size, ensuring usability on both desktop and mobile devices.

6. Accessibility Features

- Alt text for images enhances accessibility.
- Proper use of ARIA roles for carousel controls ensures better navigation for assistive technologies.

7. External Resources

- Font Awesome is included for social media icons.
- Bootstrap and jQuery are linked via CDN for easy access to the latest versions.

Conclusion

The Windflower Whiskey website project effectively combines HTML, CSS, and JavaScript to create a modern, responsive, and user-friendly platform for showcasing whiskey products and events. This comprehensive coding

approach enhances both aesthetics and functionality, ensuring a seamless user experience.