

**A Report on**  
**“Interactive Landing Page Web Application”**

Intern Name

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Internship Domain

**Frontend Development**

Internship Company Name

**Skillbit Technologies**

Technologies Used

**HTML, CSS, JavaScript**

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**Github :** <https://github.com/sujalpiprikar01/Interactive-Landing-Page>

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## **Index (Table of Contents)**

1. Introduction .....	03
2. Objectives .....	04
3. Technologies Used .....	05
3.1 HTML .....	05
3.2 CSS .....	05
3.3 JavaScript .....	05
3.4 Scroll Reveal Library .....	06
4. System Architecture / Working Flow.....	07
5. Features of the Application .....	08
6. Code Explanation.....	09
6.1 Navigation Toggle Logic.....	09
6.2 Dark Mode Feature.....	09
6.3 Animated Counter Logic .....	09
6.4 Modal Popup System .....	09
6.5 Form Validation .....	10
7. Screenshots .....	11
8. Challenges Faced .....	15
9. Learning Outcomes .....	16
10. Conclusion.....	17

## **Chapter 1-Introduction**

The Music Streaming Landing Page is a responsive and interactive web application developed using HTML, CSS, and JavaScript. The purpose of this project is to design a modern promotional landing page for a music streaming platform.

The application includes interactive features such as animated counters, scroll-based animations, modal popup system, pricing section, dark mode toggle, and form validation.

This project demonstrates practical implementation of front-end development concepts including DOM manipulation, event handling, responsive design, animation effects, and user interface enhancement.

## **Chapter 2-Objective of the Project**

The main objectives of this project were:

- To design a professional and attractive landing page
- To implement responsive navigation system
- To create interactive UI elements
- To implement dark mode functionality
- To develop animated statistics counter
- To create modal popup system
- To implement client-side form validation
- To enhance user experience using smooth animations

## Chapter 3- Technologies Used

### 3.1 HTML

Used to create the structure of the application including:

- Navigation bar
  - Header section
  - Trending music section
  - Statistics section
  - Pricing plans
  - Contact form
  - Modal popup
- 

### 3.2 CSS

Used for:

- Styling and layout design
  - Responsive design using media queries
  - Hover effects and animations
  - Dark mode styling
  - Card and pricing section design
  - Modal popup styling
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### 3.3 JavaScript

Used for:

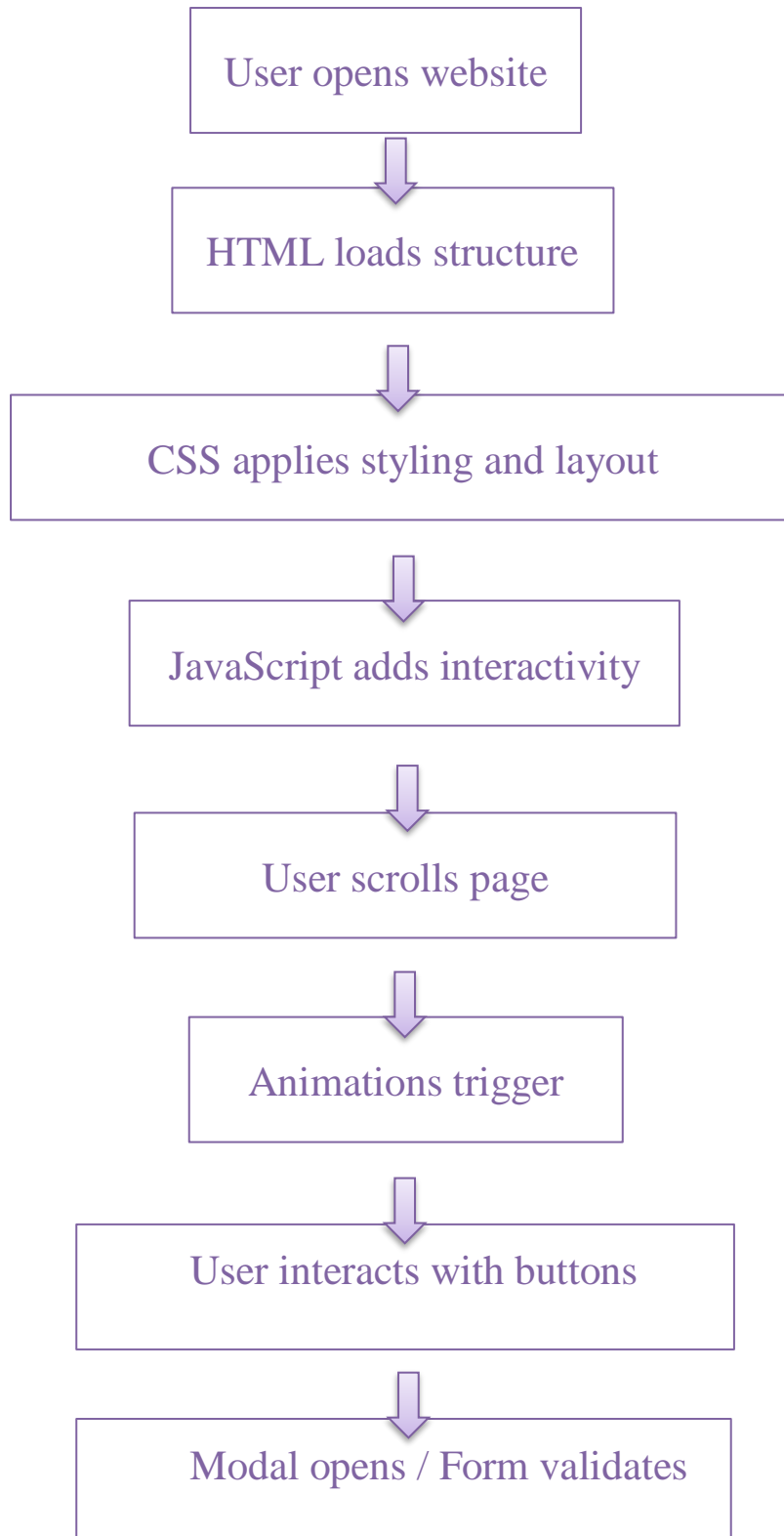
- Menu toggle functionality
  - Dark mode toggle
  - Scroll-based animations
  - Animated counters
  - Modal open and close logic
  - Contact form validation
  - Navbar scroll effect
-

### 3.4 Scroll Reveal Library

Used to create smooth scroll animations for:

- Header content
- Images
- Text elements
- Buttons

## Chapter 4- System Architecture / Working Flow



## **Chapter 5- Features of the Application**

1. Responsive Navigation Bar
2. Mobile Menu Toggle
3. Scroll-Based Reveal Animations
4. Animated Statistics Counter
5. Dark Mode Toggle
6. Pricing Section with Hover Effects
7. Modal Popup System
8. Contact Form Validation
9. Smooth Scroll Behavior
10. Modern UI Design



## Chapter 6- Code Explanation

### 6.1 Navigation Toggle Logic

JavaScript toggles the navigation menu for mobile devices.  
When user clicks the menu icon, the class “open” is added or removed.

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### 6.2 Dark Mode Feature

A button is used to toggle dark mode.  
When clicked, a class is added to the body element which changes background and text colors using CSS.

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### 6.3 Animated Counter Logic

Counters increase dynamically when the statistics section becomes visible.  
The `requestAnimationFrame()` function is used for smooth animation.  
Numbers are formatted as K+ and M+.

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### 6.4 Modal Popup System

When user clicks “Buy Now” button:

- Modal becomes active
  - Background scrolling is disabled
  - Modal can be closed using:
    - Close button
    - Clicking outside modal
    - Escape key
-

## 6.5 Form Validation

JavaScript checks:

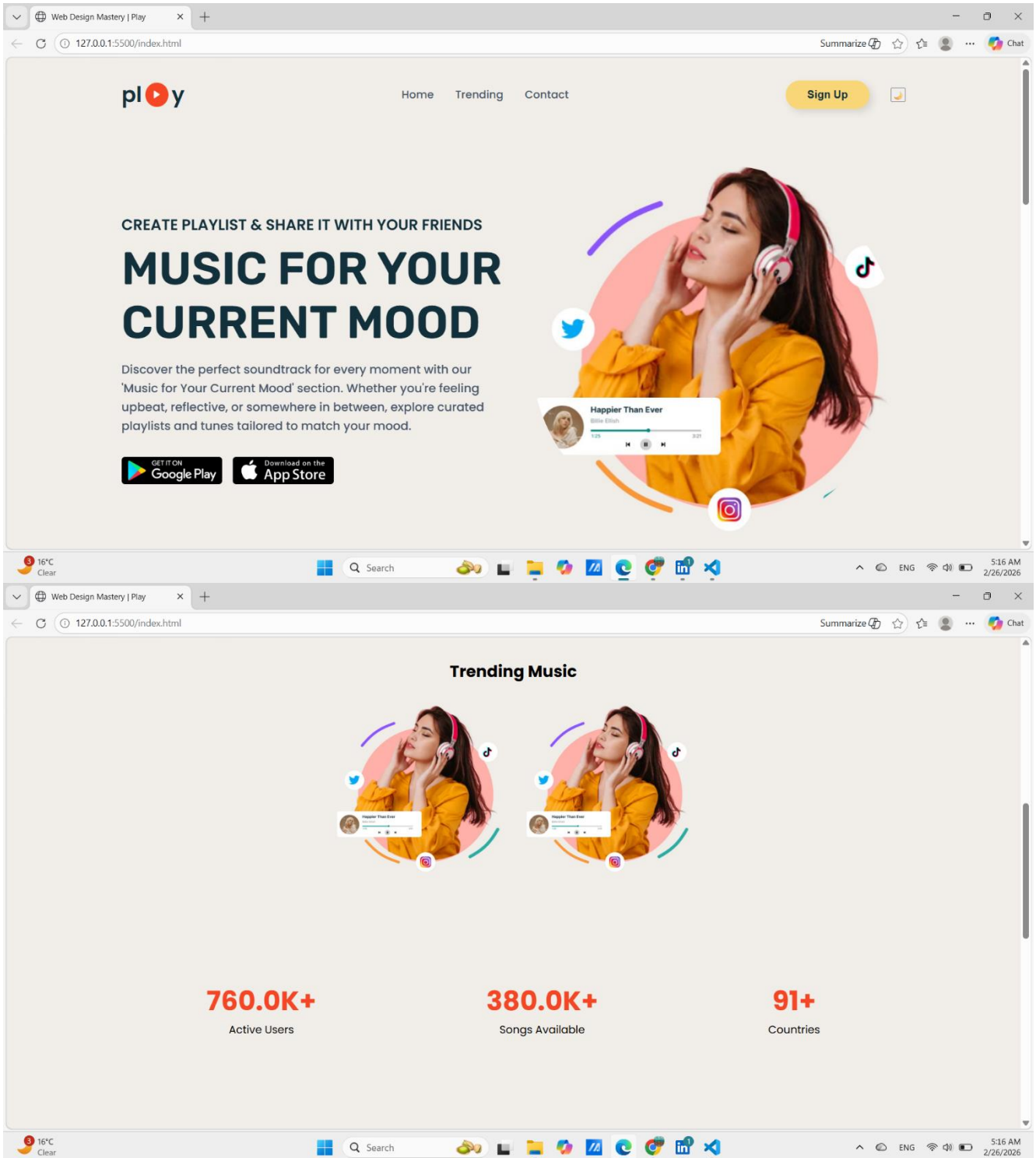
- If name field is empty
- If email field is empty

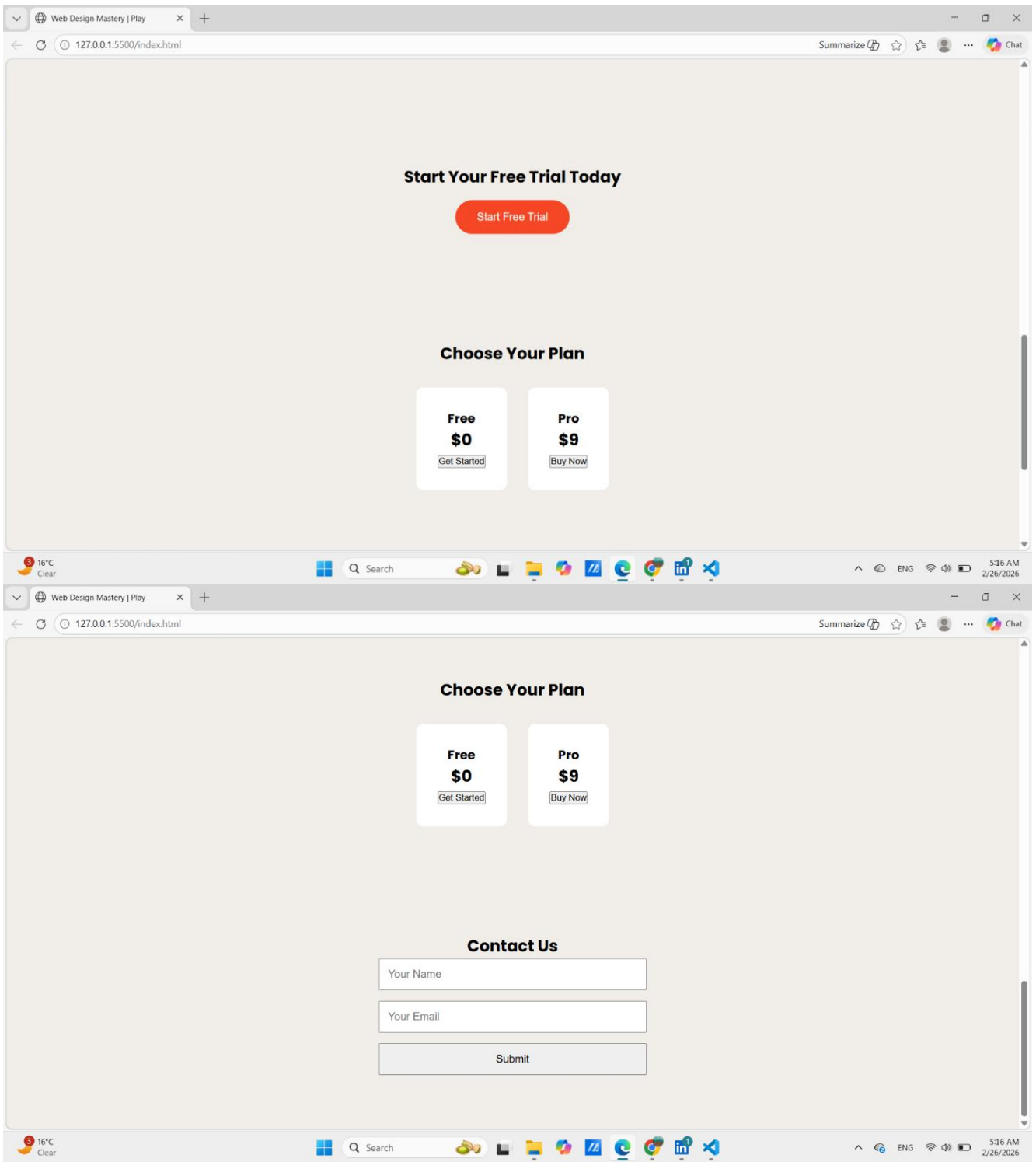
Displays error message if fields are empty.

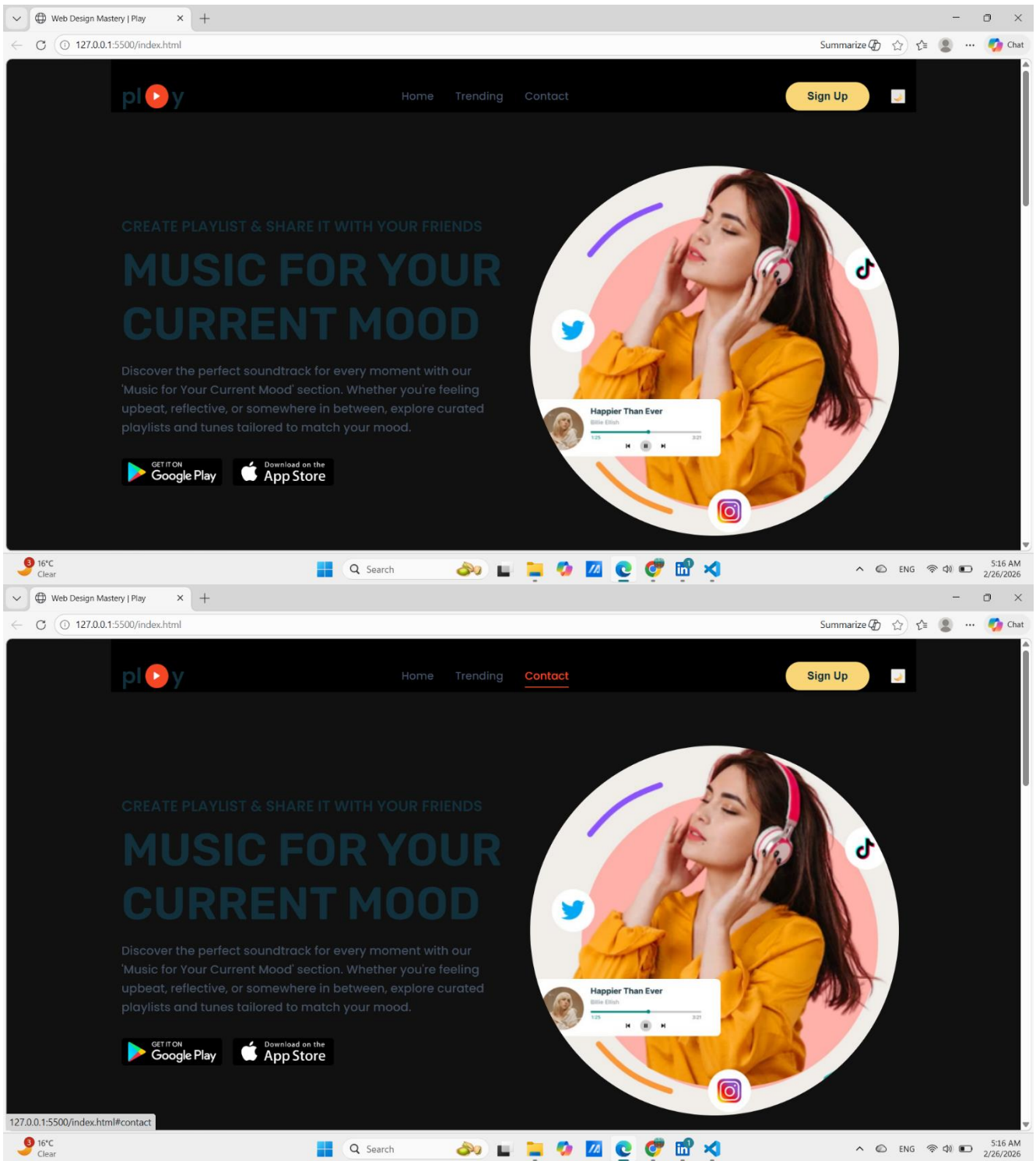
Displays success message after submission.

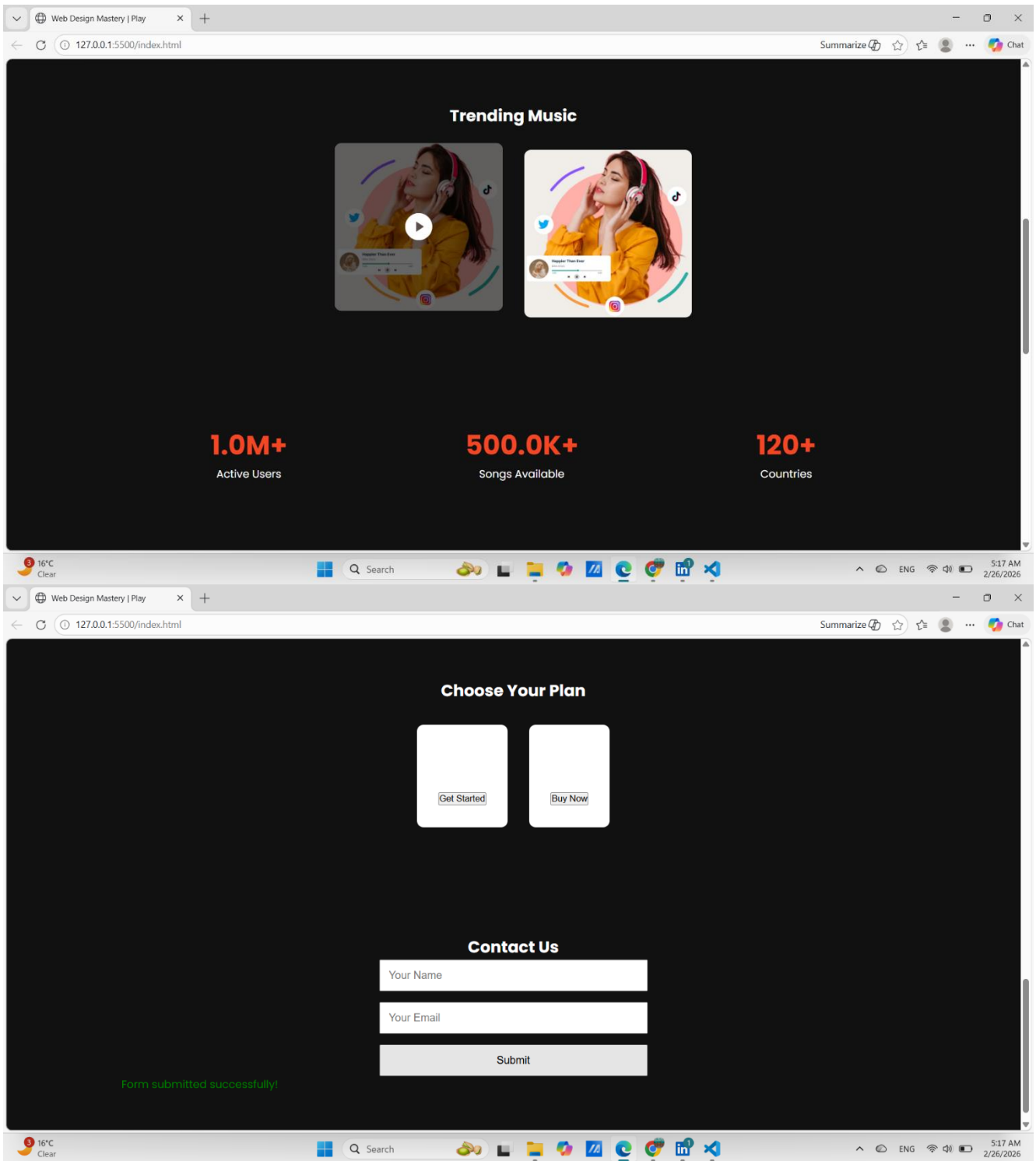
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## Chapter 7- Screenshots









## **Chapter 8- Challenges Faced**

During development, I faced several challenges:

- Implementing animated counter without repeating
- Managing multiple modal close events
- Making website fully responsive
- Handling scroll-based animations properly
- Ensuring dark mode consistency

These challenges helped improve my JavaScript logic and debugging skills.

## Chapter 9- Learning Outcomes

- Strong understanding of DOM manipulation
- Practical experience in responsive design
- Implementation of real-world UI components
- Working with animation libraries
- Improved JavaScript event handling knowledge
- Better UI/UX design understanding



## **Chapter 10- Conclusion**

The Music Streaming Landing Page project enhanced my understanding of front-end development and interactive web design. It provided hands-on experience in building a responsive and feature-rich web application using core web technologies.

This internship strengthened my technical skills and improved my problem-solving and development abilities.