



**ALLIANCE**  
UNIVERSITY | **NAAC** GRADE **A+**  
ACCREDITED UNIVERSITY

## **Mini Project Report - 06**

Master of Computer Application – General  
Semester – III

**Sub: Web Technologies**

**Topic: Multimedia Page**

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## Report on Multimedia Web Project

### 1. Introduction

The rapid growth of technology has transformed how educational institutions interact with students and the community. Websites act as the **digital face** of universities, showcasing their programs, events, and services while also providing students with online platforms for engagement.

This project is a **mini multimedia-based website** created using **HTML, CSS, and JavaScript** that simulates the login process and demonstrates features of a university web portal.

The website has **two main pages**:

- **Login Page:** Allows users to log in with details like User ID, Name, Email, and Password. It also includes a Feedback section.
- **Multimedia Home Page:** Displays university details, rankings, images, videos, audio tracks, and a well-structured footer with quick links.

This project not only helps in understanding **frontend web technologies** but also demonstrates the integration of multimedia content such as **images, audio, and video**.

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### 2. Objectives

The main objectives of this project are:

1. To design a **simple and user-friendly login page** for users.
  2. To develop a **multimedia-rich webpage** representing a university demo site.
  3. To demonstrate the **use of HTML tags** for structure and **CSS for styling**.
  4. To integrate multimedia elements like **images, audio, and video**.
  5. To implement **navigation links and buttons** for smooth user interaction.
  6. To showcase **best practices** in web design such as responsiveness, structured layout, and interactivity.
  7. To provide a **practical understanding of real-world university websites**.
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### 3. Tools and Technologies Used

The project is developed using **basic web technologies** without advanced frameworks.

- **HTML (HyperText Markup Language):** For structuring the webpage content.
  - **CSS (Cascading Style Sheets):** For styling, layout, and visual design.
  - **JavaScript:** For basic interactivity (alert message on login).
  - **Multimedia Files:** Images (.jpg, .png, .webp), Audio (.mp3), and Video (embedded from YouTube).
  - **Browser:** Google Chrome / Microsoft Edge for testing.
  - **Editor:** VS Code (Visual Studio Code).
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### 4. Description of the Code

The project is divided into **two main parts**:

#### A) Login Page (First Page)

- Background image (Alliance University campus.jpg).
- University Logo (au.png).
- A **form** with fields for:
  - User ID
  - Name
  - Email
  - Password
  - Feedback (textarea)
- A **Sign In button** with a JavaScript alert "Login Successfully!".
- On successful login, it redirects the user to the **second page**.

#### B) Alliance University Demo Page (Second Page)

- **Utility bar** at the top (links to Alumni, Library, Careers, Login).
- **Navigation bar** with logo and links (About, Faculty, Programs, Admissions).
- **Body Section:**
  - University Rankings displayed with **medal-style boxes**.
  - Buttons: Campus Tour, Apply Now, Contact Us.
- **About Section:** A descriptive paragraph about the university.

- **Events Section:**
    - Images of events.
    - Embedded YouTube videos.
  - **Singing Competitions Section:**
    - Multiple audio files with play controls.
  - **Footer Section:**
    - Quick links for About, Schools, Programmes, Admissions, Important Links.
    - Contact information and helpline numbers.
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## 5. Working of the Project

1. The user opens the **Login Page**.
  2. The user enters details in the form.
  3. When the user clicks **Sign In**, a **JavaScript alert** appears saying "*Login Successfully!*".
  4. The page then redirects to the **University Demo Page**.
  5. On the Demo Page, users can:
    - View university rankings.
    - Explore the About Us section.
    - Browse events with images and videos.
    - Play audio files from singing competitions.
    - Use the footer links for quick navigation.
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## 6. Features

- Clean and simple **login form** with validation fields.
- Use of **background images** for better visual appeal.
- Interactive **alert message** on login.
- Multimedia Integration:
  - \* Images (img tags).
  - \* Audio (audio tags).
- Video (iframe embedding YouTube).
  - \* Responsive **flexbox layout** for ranks and footer.
  - \* **Navigation bar** with external links.
  - \* Well-structured **footer with multiple columns**.
  - \* Professional **university theme design**.

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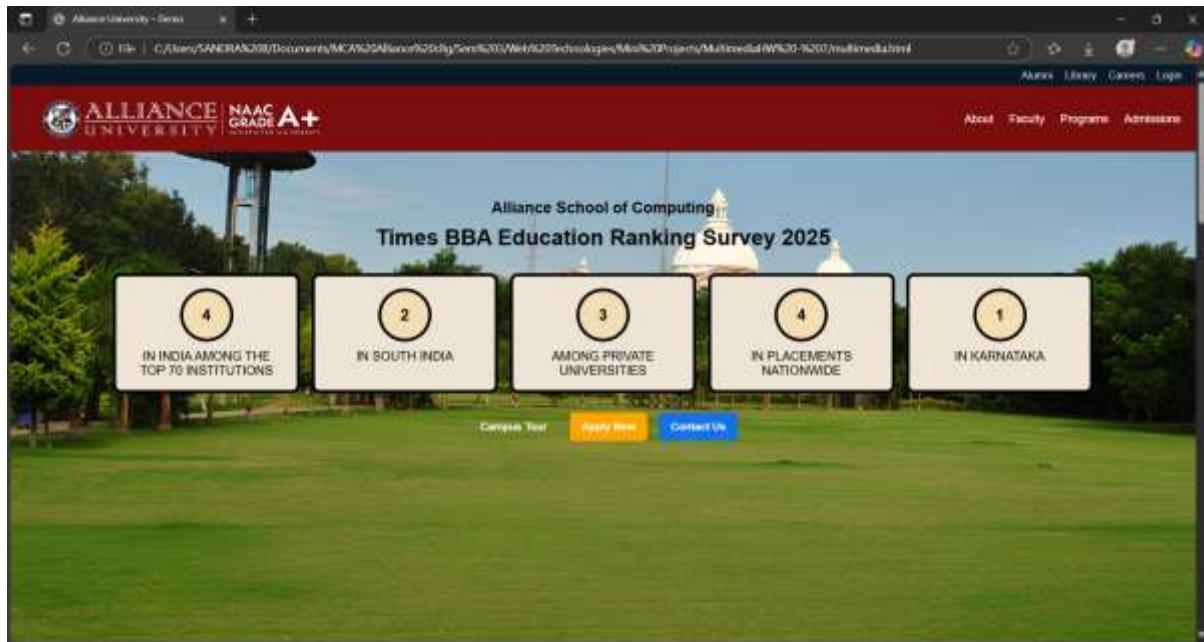
## 7. Output

### Login Page Output:

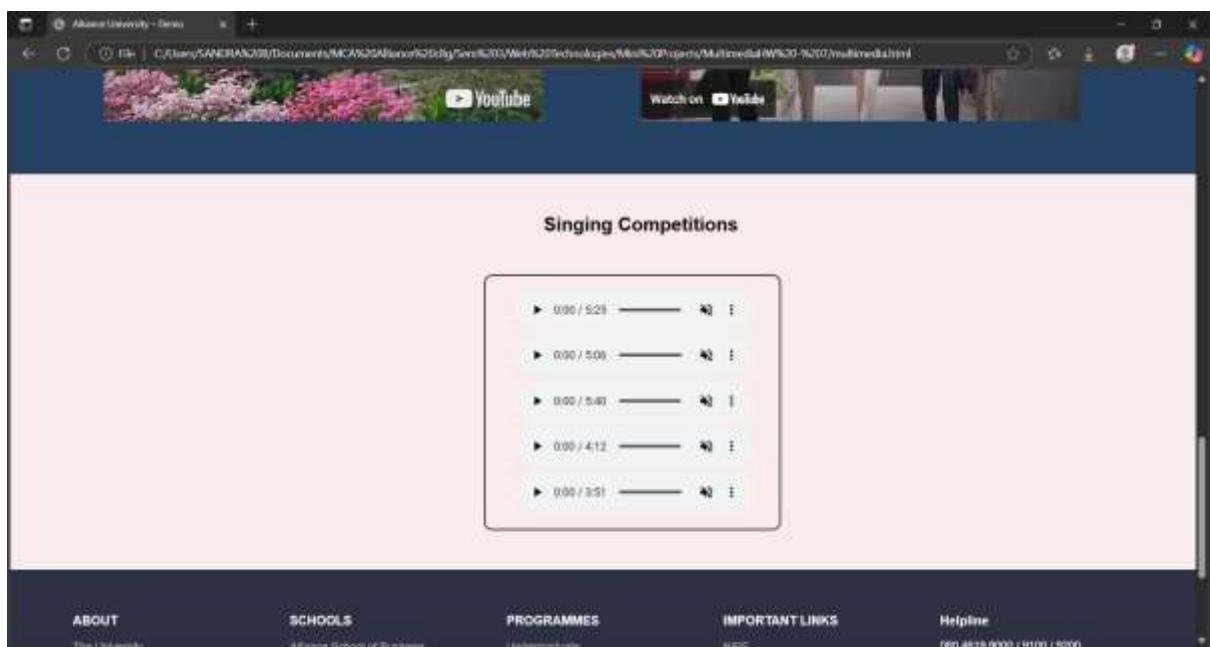
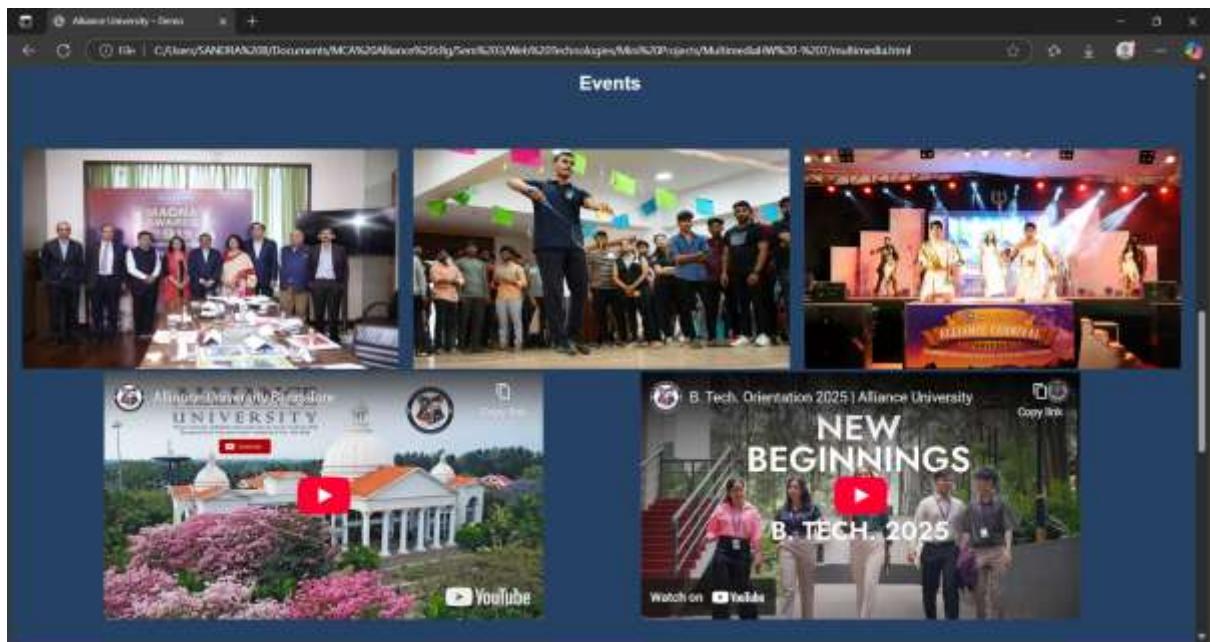
- Background university campus image.
- Centered form with input fields.
- Sign In button triggers a popup alert.

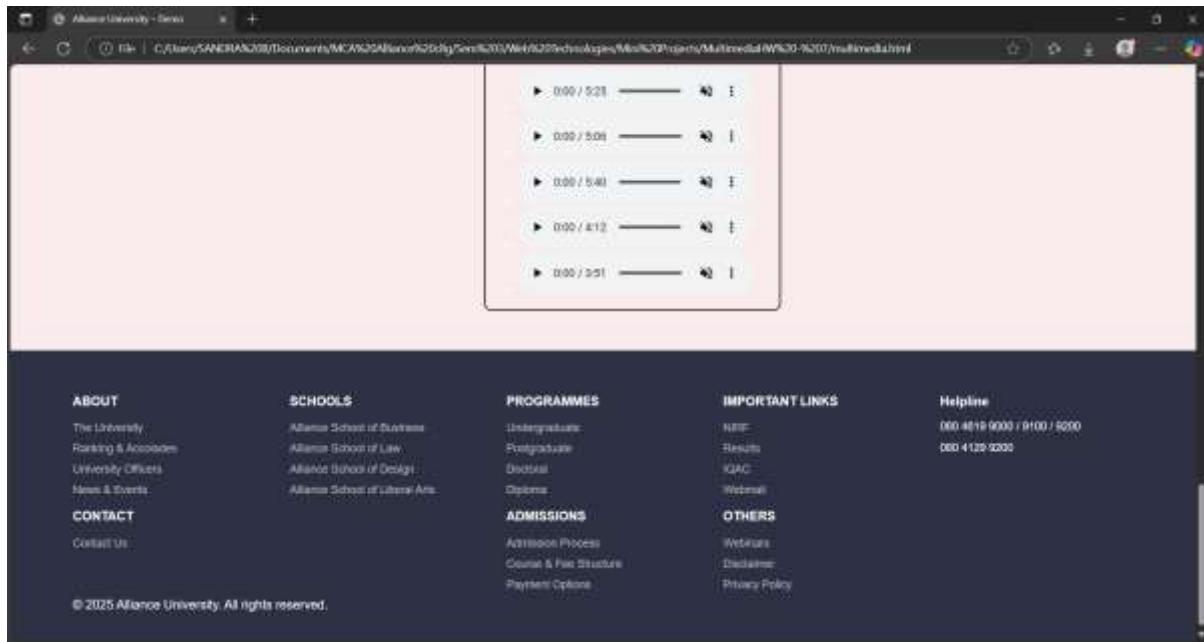
### Alliance University Demo Page Output:

- Utility bar + navigation bar.
- University rankings displayed in boxes.
- Event images and embedded videos.
- Audio playlist for competitions.
- Footer with multiple link sections.



A screenshot of a web browser displaying the 'About Us' section of the Alliance University website. The page has a pink header and a dark blue footer. The main content area contains text about the university's mission and values, followed by a heading 'Events' and three small images showing people at various university events. The URL in the address bar is identical to the one in the first screenshot, indicating it's from the same site.





## 8. Advantages

- Easy to Use:** Simple UI for login and navigation.
- Attractive Design:** Use of multimedia makes the site engaging.
- Educational Value:** Demonstrates practical HTML, CSS, and JavaScript usage.
- Scalability:** Can be extended to a complete student portal.
- Cross-browser Compatibility:** Works on all modern browsers.
- Reusability:** The template can be adapted for other institutions.

## 9. Future Scope

- The project can be expanded into a **fully functional student portal** by adding:
  - Database Connectivity (MySQL, MongoDB):** Store login data securely.
  - User Authentication:** Validate login using PHP/Node.js backend.
  - Responsive Design:** Improve layout for mobile devices.
  - Dynamic Events Section:** Use JavaScript or APIs to load events dynamically.
  - Online Registration:** Allow students to apply or register online.
  - Admin Panel:** Manage users, events, and announcements.

## 10. Conclusion

This project demonstrates how **basic web technologies** can be used to design a **functional and multimedia-rich website**.

The login page introduces **form handling and user interactivity**, while the university demo page showcases how multimedia can be integrated to enhance the visual experience.

Through this project, the concepts of **HTML structure, CSS styling, JavaScript interactivity, and multimedia embedding** have been successfully applied.

It lays a strong foundation for building more **advanced dynamic websites** with database support and real-time functionality.

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