

# Chinook Album Management System

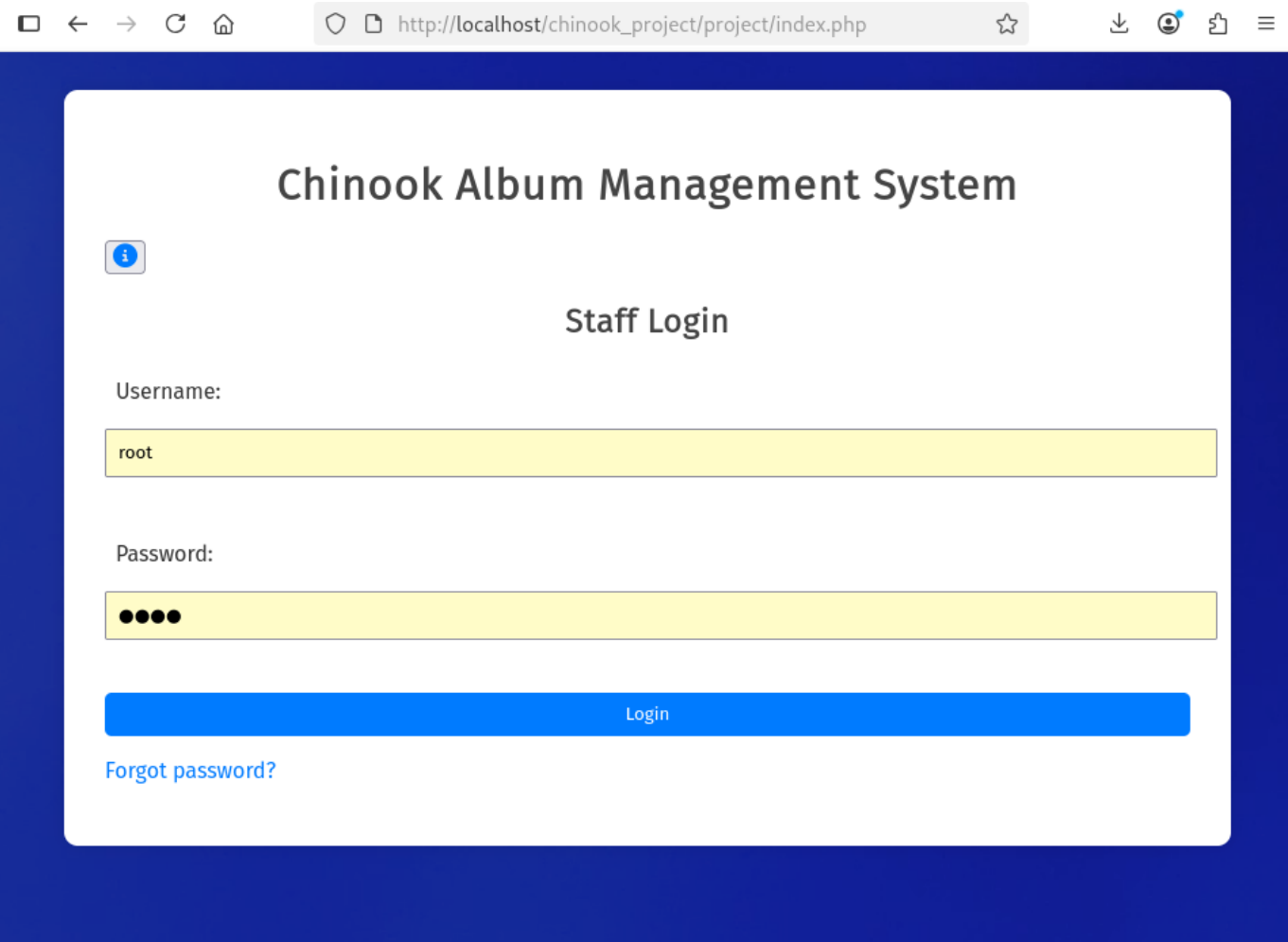
## Overview

This web application allows Chinook staff to manage music albums, artists, and tracks. It provides full CRUD functionality with a clean, responsive UI.

## Features

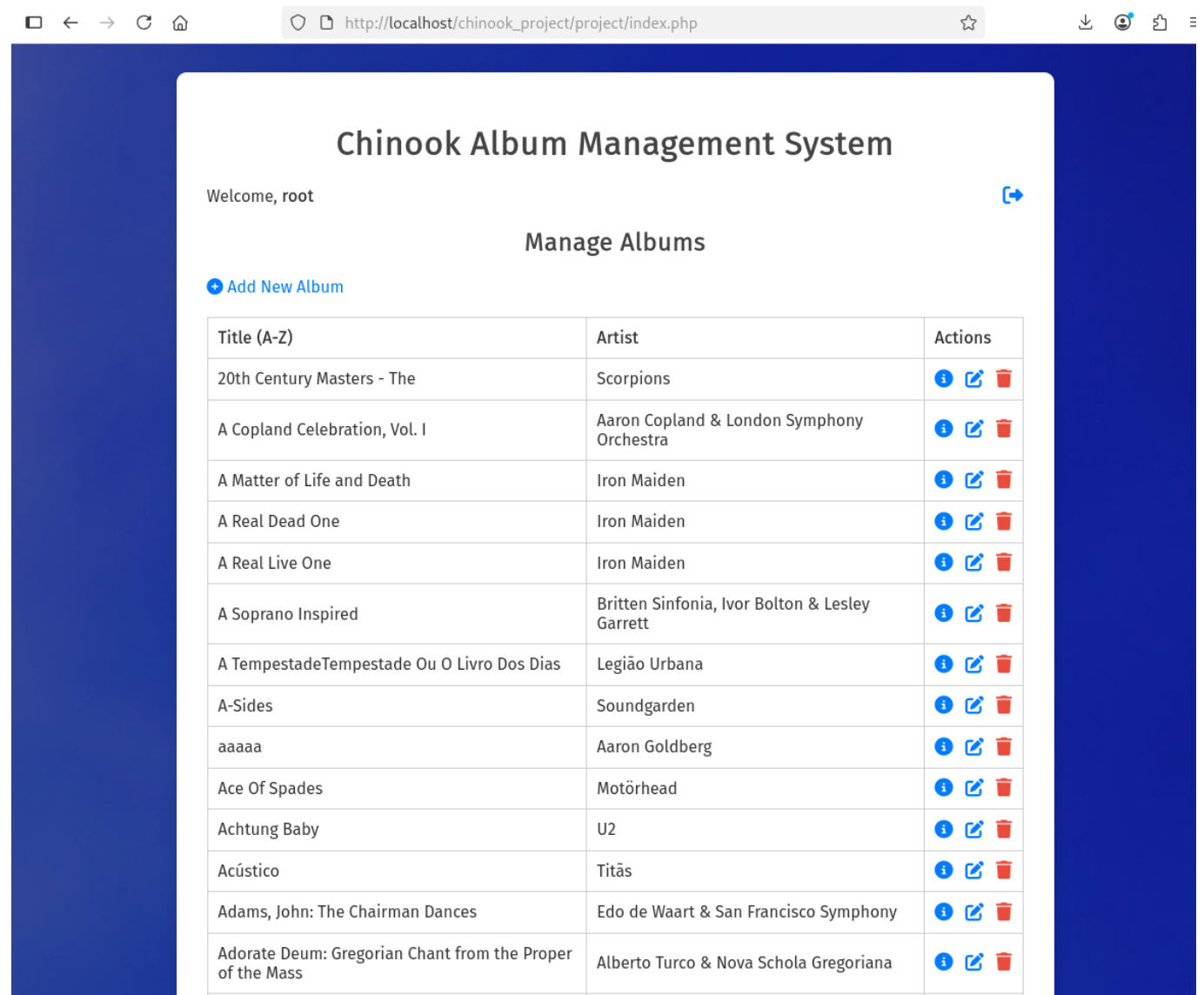
### 1. User Login

- Staff can log in with a secure username/password.
- Session-based authentication.
- Flash messages on success/failure.



### 2. Album Dashboard (index.php)

- Lists all albums with artist names.
- Responsive table with pagination (10 per page).
- Buttons to **Add**, **Edit**, **Delete**, and **View Details**.



### 3. Add Album with Tracks

- Select artist from dropdown or enter new name.
- Dynamically add/remove track fields via JavaScript.
- Inserts album + all associated tracks.

The screenshot shows a web browser window with the URL `http://localhost/chinook_project/project/add_album_form.php`. The page has a dark blue background. In the center is a white rounded rectangle containing the form titled "Add New Album".

The form fields are:

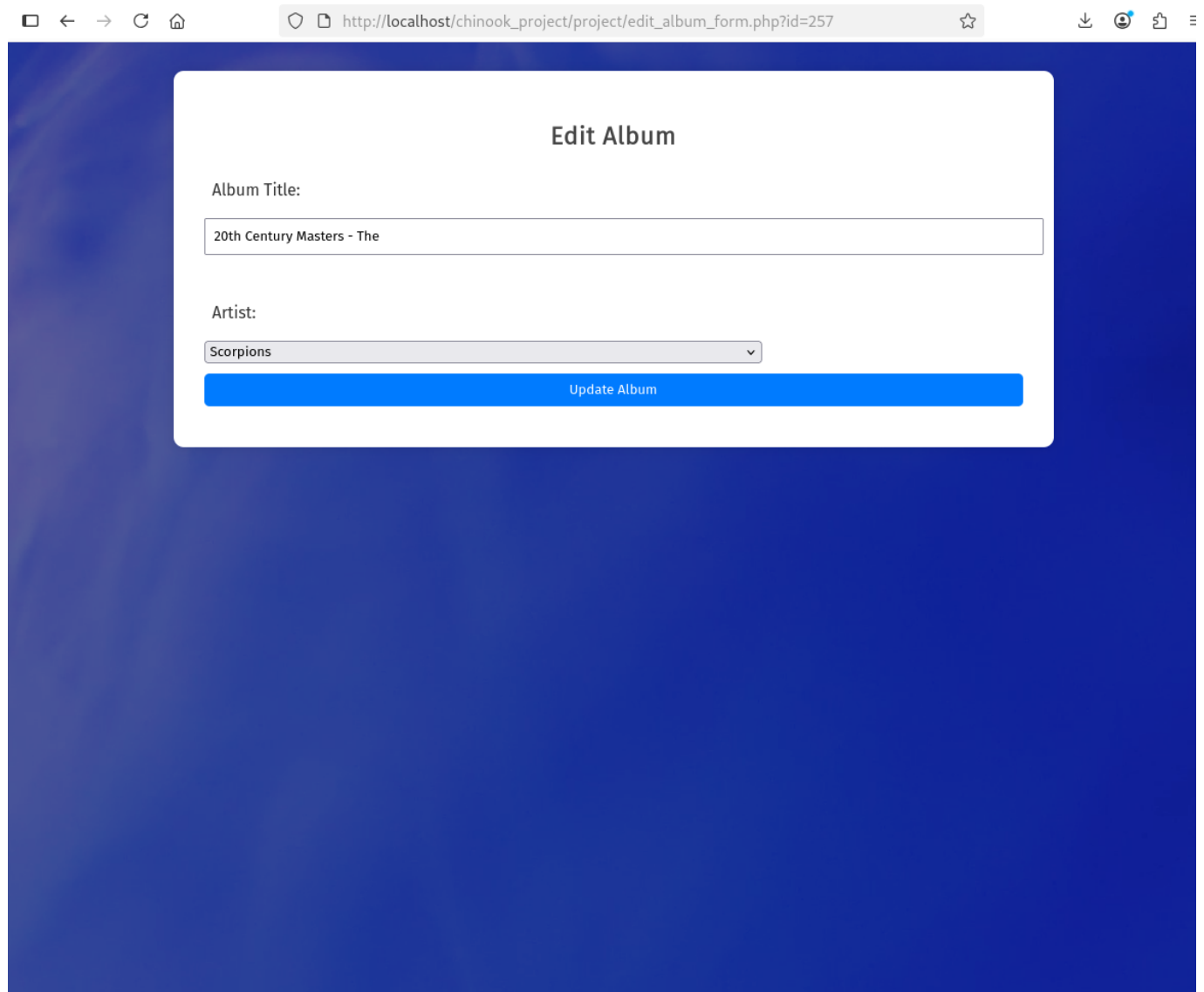
- Album Title:** A text input field.
- Artist:** A dropdown menu with "Aaron Goldberg" selected.
- Track 1:** A text input field with a red border.

Below the "Track 1" field, there is a green button with a minus sign (✖) and a green button labeled "+ Add Track". At the bottom of the white rectangle is a large blue button labeled "Add Album".

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## 4. Update Album and Tracks

- Loads existing album and its tracks.
- Allows editing of title and track names.
- Updates data in `albums` and `tracks` tables.

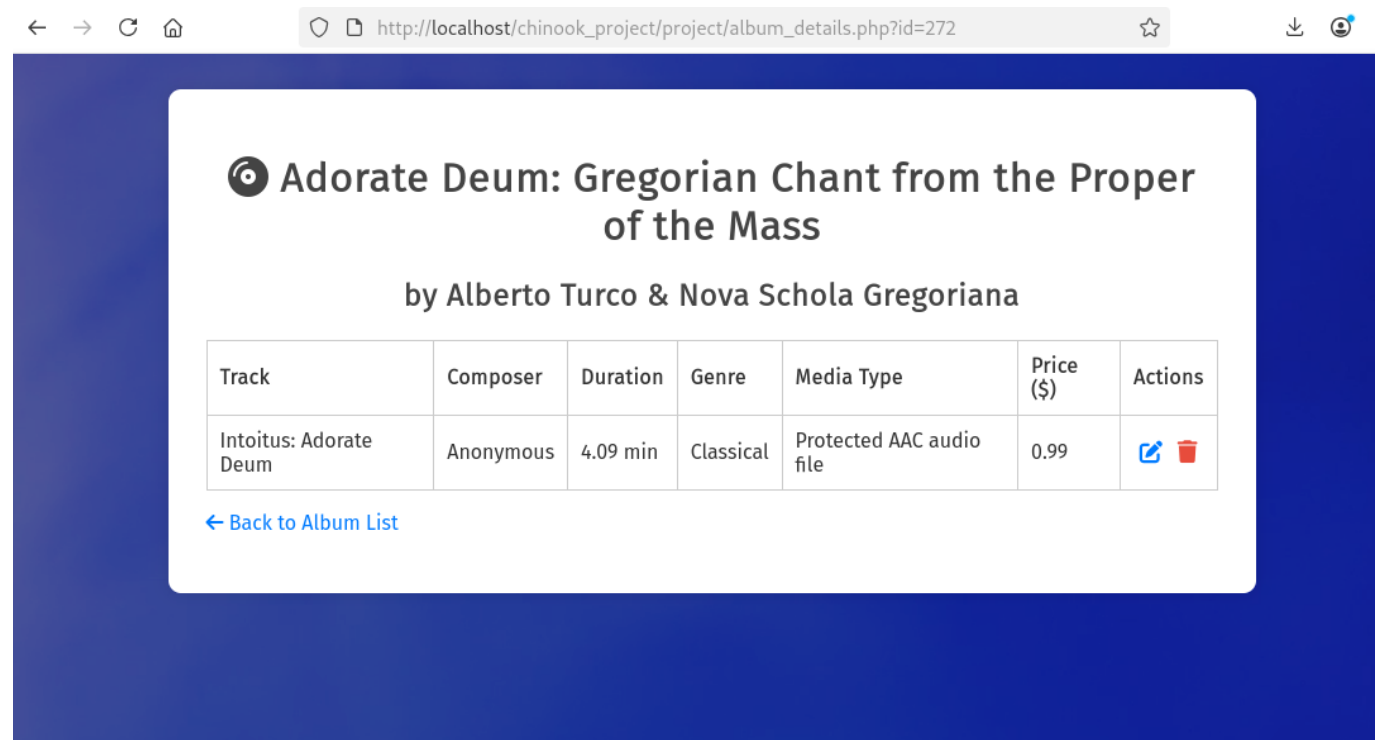


The screenshot shows a web browser window with the URL `http://localhost/chinook_project/project/edit_album_form.php?id=257`. The browser's address bar and navigation icons are visible at the top. The main content area has a dark blue background. In the center, there is a white rectangular form titled "Edit Album". The form contains two input fields: "Album Title:" with the text "20th Century Masters - The" and "Artist:" with a dropdown menu showing "Scorpions". A blue button labeled "Update Album" is positioned below the input fields.

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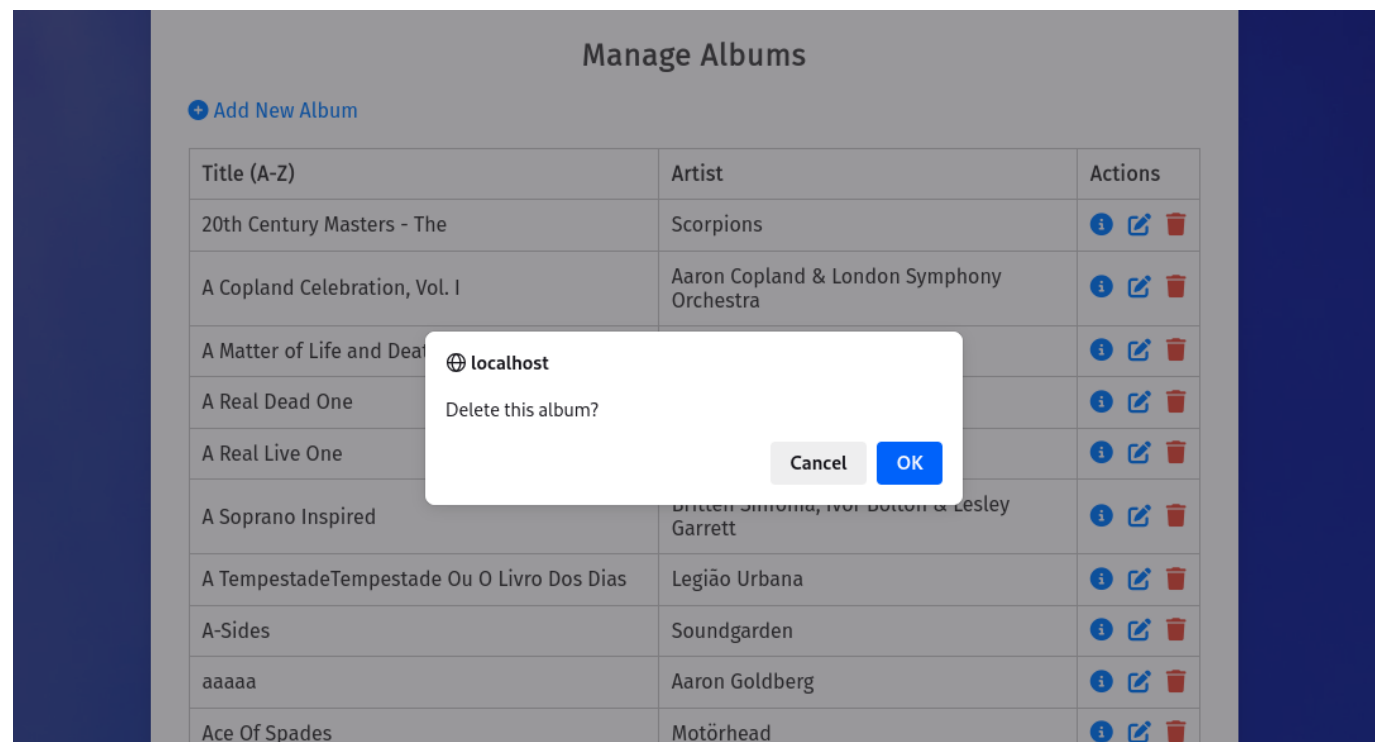
## 5. Album Details View

- Shows album info (title, artist).
- Lists all tracks with:
  - Composer
  - Duration (in minutes)
  - Genre and Media Type
  - Price
  - Optional play button


















## 6. Delete Album

- One-click delete with confirmation.
- Flash message confirms result.



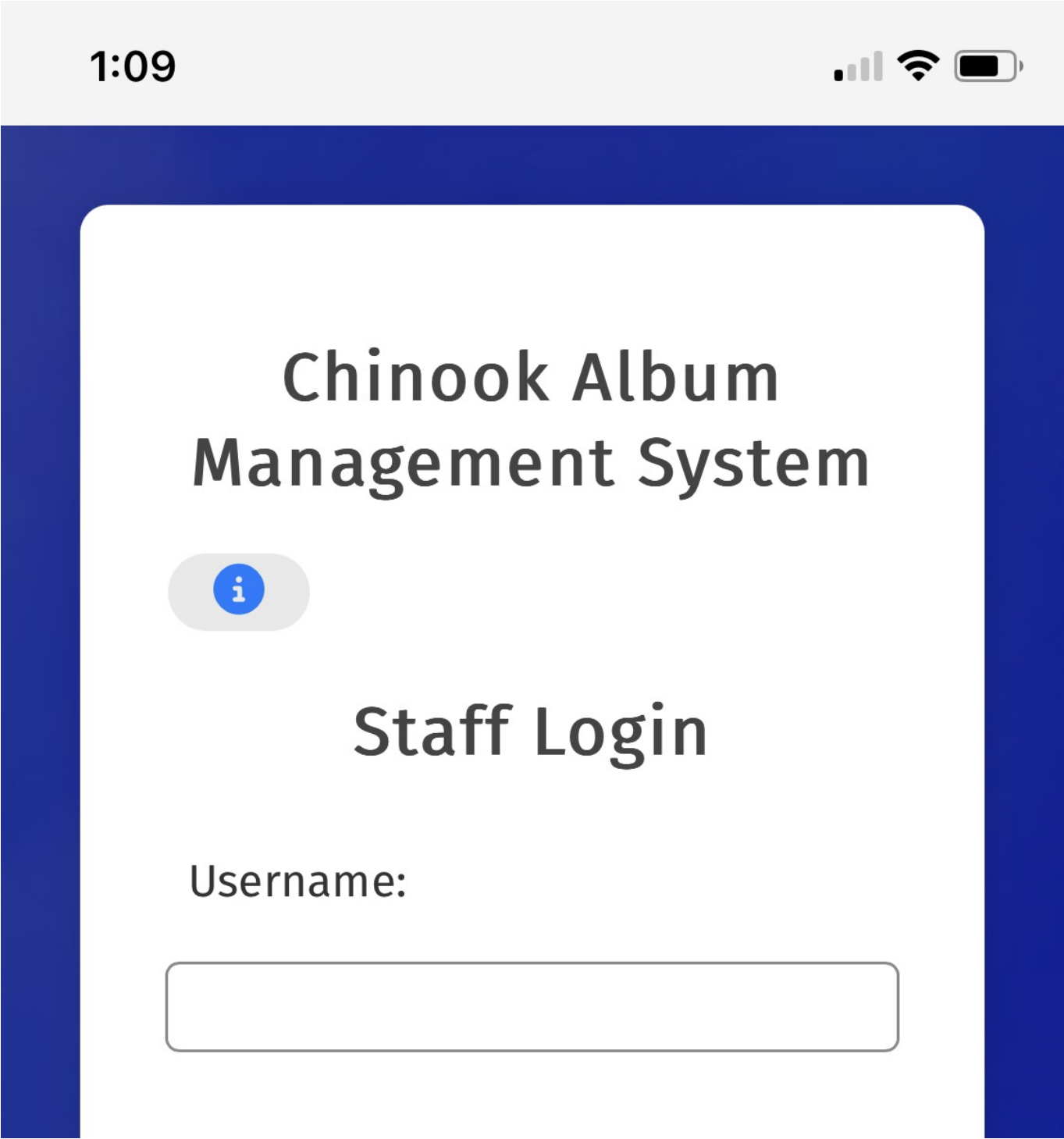
## 7. Flash Messages

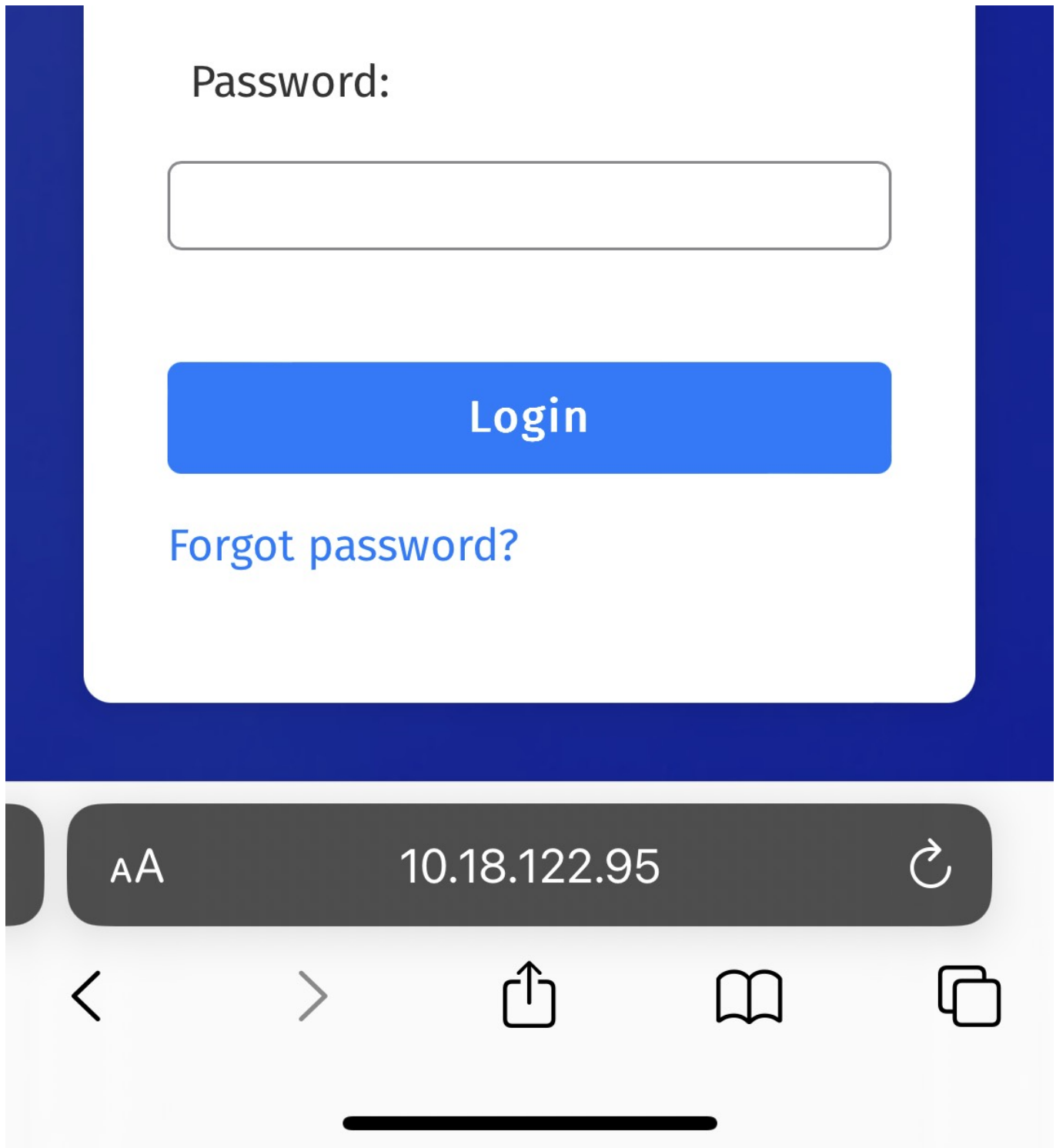
- Styled success/error alerts using Font Awesome icons.
- Appears dynamically (via PHP session or JS snackbar).

Acústico	Titãs	  
Adams, John: The Chairman Dances	Edo de Waart & San Francisco Symphony	  
Adorate Deum: Gregorian Chant from the Proper of the Mass	Alberto Turco & Nova Schola Gregoriana	  
Afrociberdelia	<div>✔ Album deleted successfully.</div> o Zumbi	  
Album Of The Year	Faith No More	  

8. Responsive Design

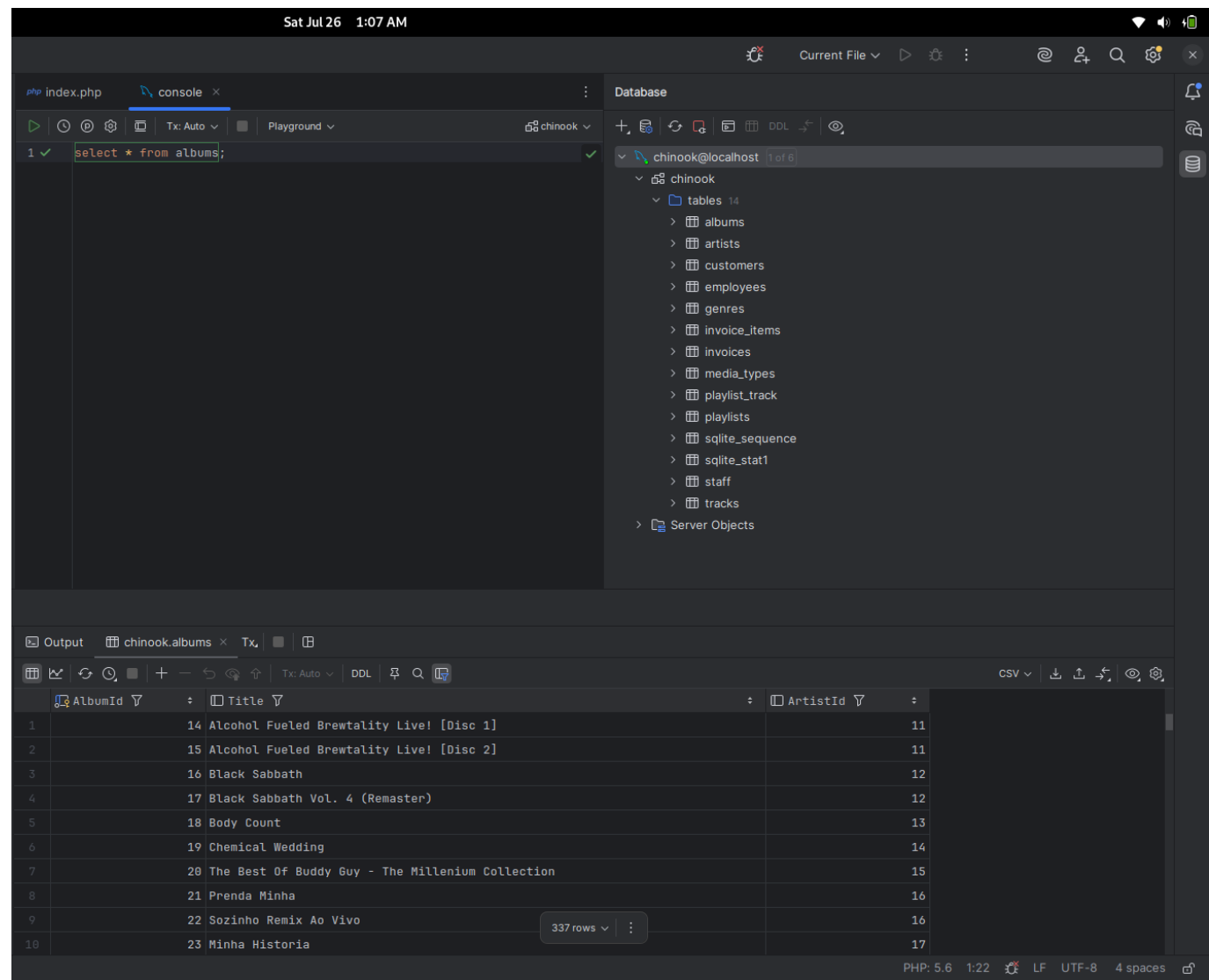
- Optimized for desktop and mobile.
- Tables become scrollable on small screens.
- All forms and buttons adapt to viewport.





## 9. Database

- Tables:
  - `albums`
  - `artists`
  - `tracks`
  - `genres, media_types` (lookup)
- Schema provided in `Chinook.sql`



## Technologies Used

- PHP 8
- MySQL (MariaDB)
- HTML5, CSS3 (Fira Sans, Flexbox)
- JavaScript (DOM + Event handling)

## Setup Instructions

1. Import `Chinook.sql` into your MySQL database.
2. Configure `config/db.php` with your DB credentials.
3. Deploy project folder under your web server (e.g., XAMPP `htdocs/`).
4. Open `index.php` in the browser.

## Credits

Muhammad Abdul Rahman @marrecluse <http://marrecluse.net>