

Moveo Assignment

This assignment involves creating a web application called JaMoveo for Moveo, a company where employees gather to play music together. The app aims to enhance their musical performances using technology. Here's an overall description of the assignment:

Purpose: To create a web app that allows Moveo employees to participate in virtual music rehearsals.

Key Features:

- User registration and authentication
- Role-based access (admin and regular users)
- Song search functionality
- Real-time display of song lyrics and chords
- Live session management

Technologies :

Backend : Django

DB : SQLite

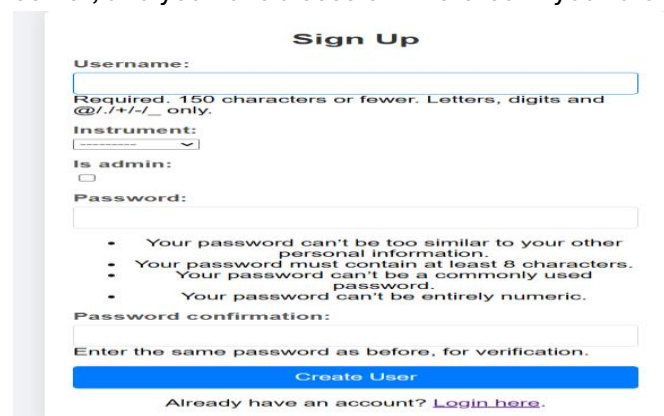
FrontEnd : HTML , CSS , JS.

How to run :

1. Git clone <https://github.com/bar-sela/JaMoveo.git>
2. run `python3 manage.py runserver` in terminal
3. enter your local server , apparently : `http://127.0.0.1:8000/`

Work with app :

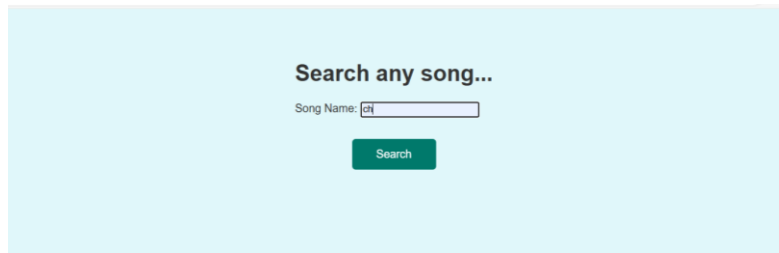
1. The sign-up page will be the first to appear if you do not have an open session with the server, and you have a session ID stored in your browser's directory



The screenshot shows a 'Sign Up' form with the following fields and elements:

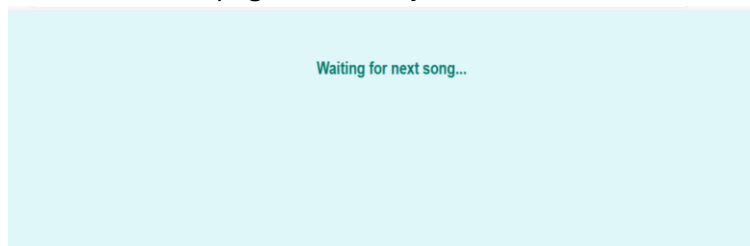
- Username:** A text input field with a placeholder and a note: 'Required. 150 characters or fewer. Letters, digits and @/./+/-/_ only.'
- Instrument:** A dropdown menu with a checkmark icon.
- Is admin:** A checkbox.
- Password:** A text input field with a note: 'Your password can't be too similar to your other personal information. Your password must contain at least 8 characters. Your password can't be a commonly used password. Your password can't be entirely numeric.'
- Password confirmation:** A text input field with a note: 'Enter the same password as before, for verification.'
- Create User:** A blue button.
- Already have an account? [Login here.](#)**

2. Please enter a substring that the song names contain (e.g., 'he')



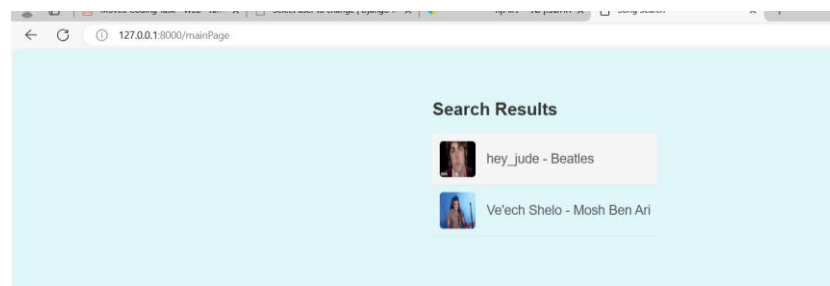
3.

Open a new browser window, as before, but this time log in as a user (not an admin). You will see this page in front of you



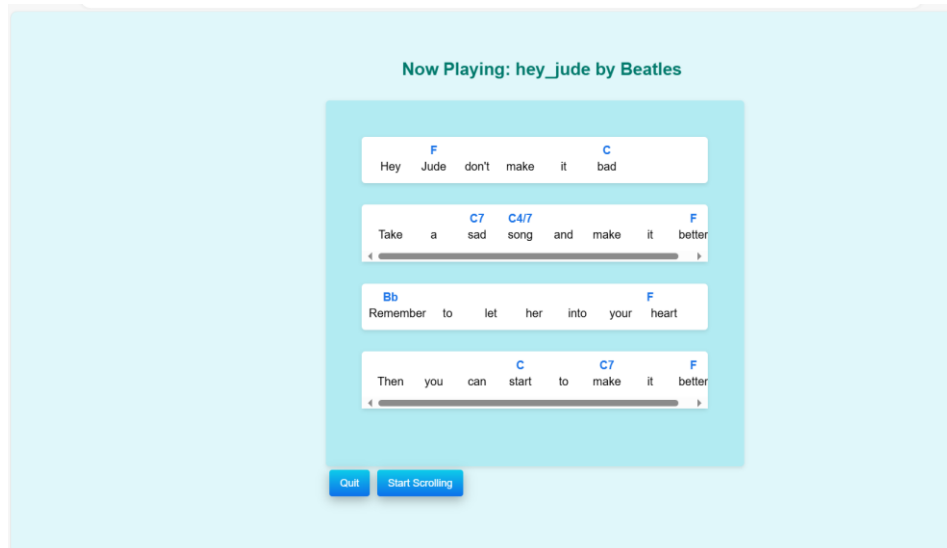
4.

Returning to the admin page, press the search button to see the options. Click on one of them; for example, I will click on the first one.



5.

After clicking the picture, this window will appear in front of you if you choose the option to also have an instrumental tool as an admin.



6.

Meanwhile, the result in the regular user window will be displayed using WebSocket technology. Note that we have chosen for this user to be only a singer, so there are no chords included.

Notice the start scrolling button, which is not relevant here but provides the option to slowly scroll down and view the lyrics automatically



7. pressing on quit with the server will take both the user and the admin one step back to the step 4 and 3.