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Moodfiy Project: API & Model Summary

Connecting Backend and Frontend

How to Connect Backend and Frontend in Moodfiy

1. Organize Your Project Files

   - templates/: Holds HTML files (e.g., login.html, main.html)

   - static/: Stores CSS, JS, and image files

   - app.py: Main backend file that runs the Flask server

2. Set Up Routes in Flask

   - Use Flask to control URLs like /login, /main, etc.

   - Each URL either shows a page or performs logic.

3. Render HTML Pages from Flask

   - Flask displays HTML pages from the templates folder.

   - This keeps the frontend and backend together.

4. Send Data from Backend to Frontend

   - Flask passes data (like mood, video list) to HTML pages.

   - HTML pages then display that data to the user dynamically.

5. Link CSS and JavaScript

   - HTML files link to style and script files from the static/ folder.

   - Flask serves these files so the pages look good and are interactive.

6. Handle Form Submissions

   - Users enter text or upload files via forms.

   - Flask receives the data, processes it (e.g., detects mood), and responds.

7. Run Your Project

   - Open terminal and go to your project folder.

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- Run: python app.py

- Visit: http://localhost:5000 in your browser to use the app.