Pitch Deck

Welcome To SoulSync

Innovation • Creativity • Harmony

About SoulSync

- SoulSync is a beginner-friendly web app for mood-based song recommendations, built with HTML, CSS, and basic JavaScript.
- It features a login page for user details and a main page with mood selections leading to YouTube-linked songs in multiple languages.

Project Purpose

Streamlined UI/UX

Demonstrate basic form validation and use localStorage for simple, two-page data transfer and a smooth user experience.

Dual-Condition Filtering

Implement core logic to filter data based on two simultaneous parameters: selected Mood and user-chosen Language.

Aesthetic CSS Design

Apply modern CSS techniques (gradients, Flexbox) to create a beautiful, engaging, and easily maintainable User Interface.

Features

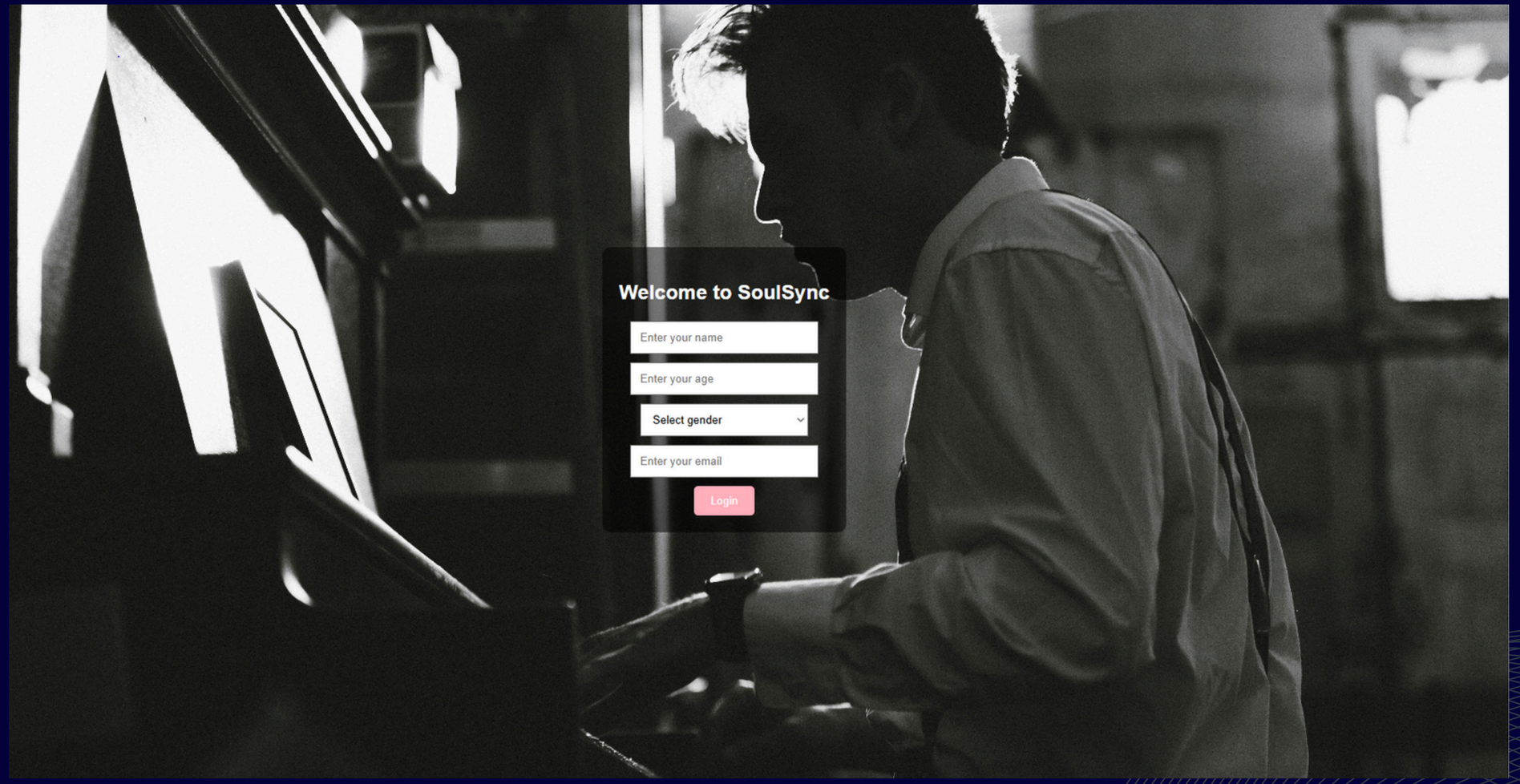
Dynamic Song Filtering 🎵

- The system provides instantaneous, dual-condition filtering of song data based on both the selected Mood (e.g., Happy) and the chosen Language (English, Hindi, Bangla).
- Output is presented as clickable hyperlinks to YouTube, ensuring immediate access to music.

Simple Client-Side Data Flow 💾

- Utilizes HTML required attributes for basic form validation at login.
- Employs localStorage in JavaScript to quickly transfer the user's name between the login page and the main page for a personalized welcome.

Project Demonstration



Discussion :

Development Problems & Solutions :
problem: Dual-Filtering Song List 🎭

The challenge was to display songs only if they matched both the selected Mood AND the chosen Language.

- Solution: Conditional JavaScript Logic ✅
  - Mechanism: The filterSongs() function checks an OR condition: display song if Language is 'All' OR if the song's lang property matches the selection.
  - Result: Ensures an accurate and highly relevant song list for the user.

References :

- Lab notes & Books
- Youtube tutorials

CONCLUSION :

🏆 Project Conclusion : SoulSync successfully delivers a simple, elegant, and functional web application using core HTML, CSS, and basic JavaScript principles. The project effectively demonstrates client-side concepts such as form validation, data persistence using localStorage, and dynamic content rendering via event handling and conditional filtering. This foundational architecture provides a user-friendly experience while proving proficiency in essential front-end development techniques.

Contribution :

Name: Badhon Sharma Apurbo

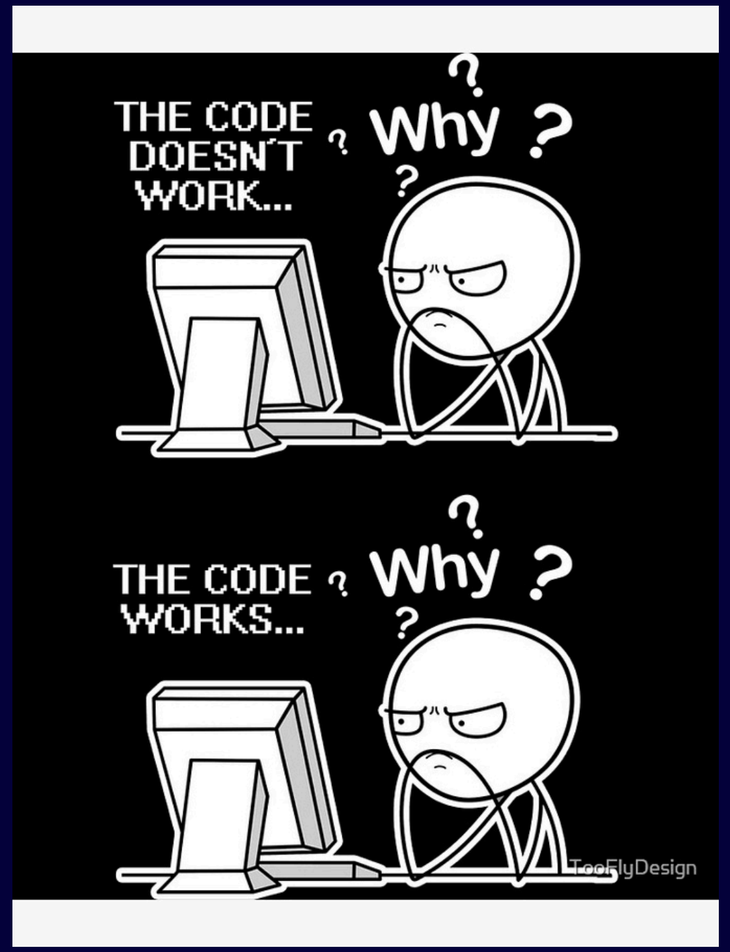
ID:04325105101051

Name: Aranya Earnest Nath

ID:04325105101075

Name: Md Aminul Islam

ID:04325105101076



Thank You