

MoodVue – AI-Powered Mood-Based Movie Recommendation Web App

Project Summary

MoodVue is a responsive web application designed and built by a team of 4 students as part of a web development assignment. The app combines modern web technologies and AI-driven APIs to deliver personalized movie recommendations based on a user's current mood.

Users input how they're feeling (e.g., "I'm feeling nostalgic" or "I want something exciting") into a text field. This mood is processed using **Gemini AI's model**, which intelligently maps the input to an appropriate **movie genre**. The genre is then used to fetch real-time movie suggestions from the **TMDb (The Movie Database) API**.

Users can:

- View a list of movies based on their mood.
- Click on any movie to see more **details** (synopsis, ratings, trailers etc.).
- **Add movies to a watchlist** for later viewing.

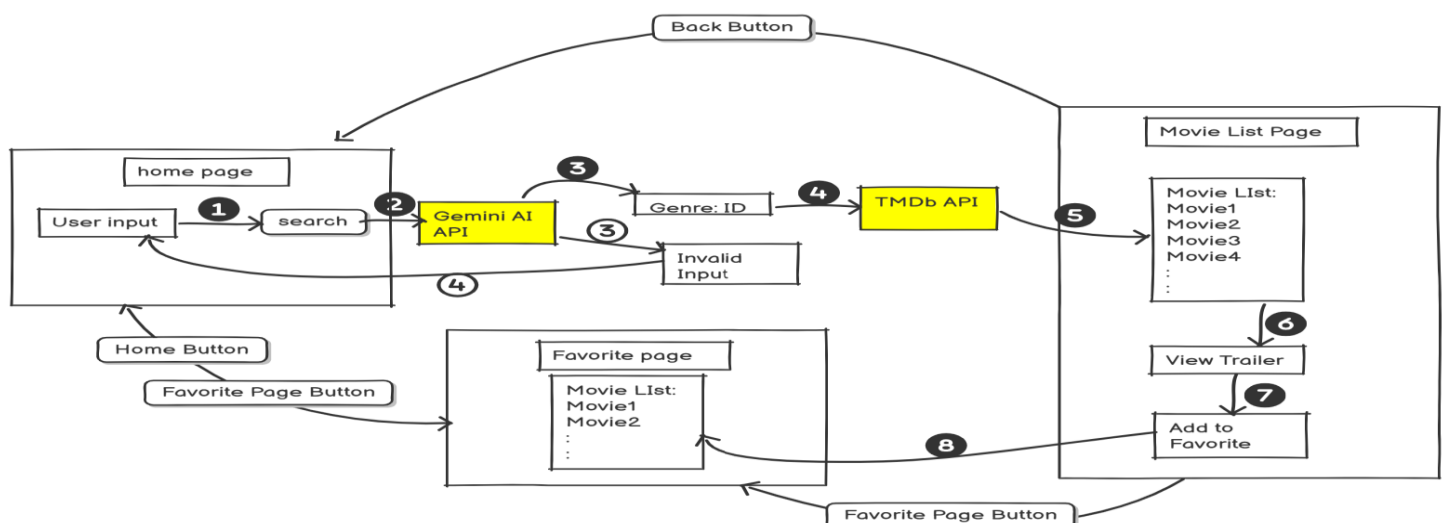
Technologies Used

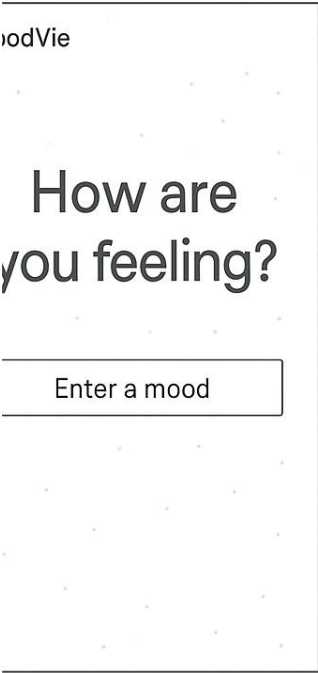
- **Frontend:** HTML, CSS, JavaScript, Tailwind CSS
- **APIs:** Gemini AI model, TMDb API
- **Tools:** GitHub for version control, VS Code for development

Relevance to Web Application Development

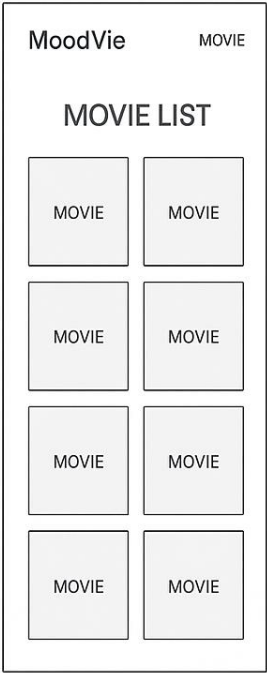
This project integrates multiple key aspects of web application development:

- **API Integration:** Use of Gemini AI for NLP and TMDb for fetching media content.
- **Responsive Design:** Implemented with Tailwind CSS for consistent styling and responsiveness.
- **Event-driven JavaScript:** Enables real-time interactivity (e.g., dynamic content loading, modal views).
- **Component Structure:** Separation of concerns using reusable functions and modular CSS.
- **User Experience:** Focus on intuitive UI, engaging interaction, and seamless navigation.

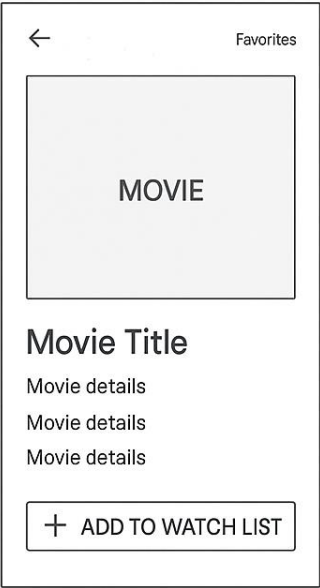




Welcome



MOVIE LIST



Modal Popup



FAVORITES