🎬 CinePark – Personalized Cinema Web App

👥 Group Members

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📘 Project Overview

CinePark is a web-based cinema platform designed to offer a personalized and engaging movie discovery experience. The application combines essential features of modern web development—user authentication, profile management, and tailored content recommendations—while adhering closely to a Figma-based design prototype.

The interface includes a homepage, login and sign-up screens, a personality-based questionnaire, user profiles, and options to log out or update preferences. Our goal was to make the experience both functional and visually appealing to enhance usability and engagement.

🔑 Main Features

- **User Authentication**
  A complete sign-up and login system stores user data in a lightweight `.csv` file, serving as a

simple and effective development-stage database.

- **Preference-Based Questionnaire**
  After registration or login, users complete a personalized questionnaire including both personality traits and film ratings. These answers are used to tailor the recommendation system.

- **User Profiles**
  Users can view their personal details and retake the questionnaire anytime to update their preferences and refresh movie suggestions.

- **AI-Powered Recommendation Engine**
  Based on questionnaire inputs, the system generates personalized movie recommendations. Users also receive an explanation of why each film was suggested, offering transparency and a more meaningful experience.

🛠️ Technologies Used

- **Frontend**: TypeScript, CSS, JavaScript

- **Backend & Logic**: Custom TypeScript code

- **Data Storage**: CSV files for storing user data and preferences

- **UI Design**: Interface fully implemented based on Figma mockups

- **AI-Assisted Development**:
  Firebase Studio was used as the main development environment, helping us implement the interface and its functionality. All data handling and configuration for user management and film logic were manually implemented by the team.

🗒️ Final Remarks

CinePark represents a thoughtful blend of user-centric design, AI-driven recommendations, and strong technical execution. The project was developed with a strong focus on usability, visual appeal, and functionality, resulting in a product that is both intuitive and enjoyable to use.

We paid special attention to the interface aesthetics, believing that a clean and engaging visual design is key to attracting users and enhancing their navigation experience.

To explain the underlying recommendation mechanisms, we've included a detailed document "CinePark | AI-Powered Recommendation System" in the `docs` folder. This file outlines the logic behind both types of recommendations and how we integrated Gemini AI to generate them effectively.

We hope you find CinePark both useful and inspiring. We believe it offers real value for film enthusiasts who want to explore cinema in a more personalized and thoughtful way, especially within the niche and independent film world.