CineTravel

1. Project Title:

CineTravel: Discover Movie Locations Around the World

2. Project Summary

CineTravel is a web application that helps users explore and visit real-world locations featured in popular movies. The platform integrates movie location data with travel information, allowing users to find filming locations, learn about their significance, and plan trips accordingly. Users can search by movie, genre, actor, or country, and receive recommendations for travel itineraries based on their favorite films.

This project is used to bridge the gap between cinema and travel by providing an interactive way for movie lovers to explore destinations tied to their favorite films. The platform will use **data from IMDB, TMDb, and travel APIs** to offer a stable experience.

3. Problem Statement:

Many movie enthusiasts dream of visiting the places where their favorite scenes were filmed, but finding accurate location information is often challenging. Existing travel platforms do not provide an easy way to search for movie locations and plan trips accordingly.

We can:

- Offer **maps** with location details and nearby attractions
- Generate **personalized traveling** based on user preferences
- Suggest **similar movie locations** for future trips

4. Creative Component:

A creative component to enhance the functionality could be to integrate a Location Timeline (Filming Year) feature. This feature would allow users to explore historical data on filming locations by showing movies shot at specific spots and a timeline of when they were filmed. It would provide context for the significance of the location in film history and allow users to dive deeper into the cinematic legacy of particular areas. Additionally, the Location-Based Notifications feature could notify users when they are near a filming spot, encouraging spontaneous exploration and enriching the overall experience. These features,

combined with an Explore function, would allow users to search for filming locations based on their current or set location, making it easy to find and explore movie spots on the go. The Map View would present these locations with a trip planning tool that suggests personalized itineraries, including nearby attractions, hotels, and flights, creating an enjoyable experience from exploration to travel.

5. Usefulness

🎬 For movie lovers – Explore the real-world locations of their favorite films.
✈️ For travelers – Discover new destinations through movies.
📍 For the film industry – Promote tourism related to movie locations.

6. Realness: Data Sources

CineTravel will use real-world datasets from:
📊 **IMDB & TMDb API** – Movie details, filming locations
🗺️ **Google Maps API** – Location mapping & directions
🌍 **OpenStreetMap** – Additional geolocation data
🛫 **Travel APIs (Skyscanner, Booking.com)** – Flight & hotel recommendations

Movie Location - https://movie-locations.com/movies/b/b-movies.php

7. Functionality of the Website
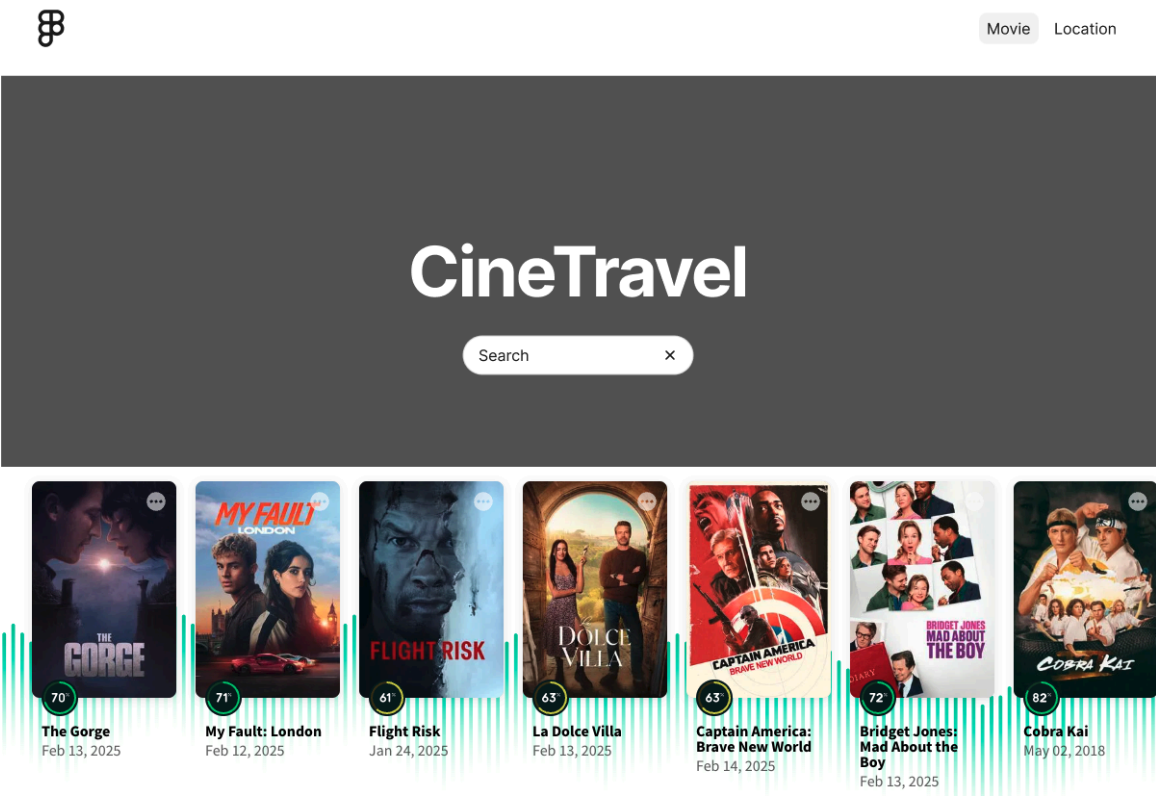
User Features:

- **Movie Information:** Allows users to search for detailed movie information, including actors, reviews, sales, and countries
- **Movie Location:** Finds movie locations by title, clip, genre, or actor
- **Interactive Map & Trip Planning:** Each location page offers an interactive map, historical context, travel tips, and nearby attractions.
- **Explore**: Shows nearby movie filming spots and allows users to explore relevant locations based on their current or set location.
- **Location-Based Notifications**: Sends notifications when users are near a movie filming spot, enhancing the exploration experience.Secure sign-up and login for personalized experiences.
- **Location Timeline (Filming Year)**: Provides a timeline of movies filmed at specific locations, showing historical data and allowing users to explore the film history of places.
- **Map View:** Interactive map with filming spots

- **Trip Planning:** Suggest personalized travel itineraries that include movie locations and nearby attractions, integrating hotel and flight booking options.
- **User Contributions:** Upload photos, rate locations, and share experiences
- **User Accounts & Profiles**: Secure sign-up and login for personalized experiences.

8. CRUD & Search Functionalities:

✔️ **Create:** Users can add new filming locations
✔️ **Read:** Explore detailed location pages with history & travel tips
✔️ **Update:** Users can suggest corrections to location data
✔️ **Delete:** Admins can remove inaccurate entries
✔️ **Search:** Advanced filtering by country, genre, director, etc.

1. **A low-fidelity UI mockup**

2. **Project work distribution**:

	yhchen6	yuhan23	ch115	chihyuh3
User Features	V	V		
Database creation	V		V	

API setting			V	V
Website		V		V