## **Concept: Cinema Lookup (Movie and TV Series Search Application)**

The aim of this concept is to create a web application that is able to search or browse movies and TV series in order to discover information about them. The idea behind the concept will allow users to view relevant information, such as the title, genre, rating, cast list and duration of a preferred selection. The users may search for keywords and browse for recommended, upcoming and popular items. One of the advantages of this concept is that it will also include trailers on the website. Cinema Lookup will be a platform that simplifies the steps to finding the perfect movies and TV series based on user preference.

The target user groups of this concept would be Movie Enthusiasts and Casual Viewers. This includes people who enjoy watching movies and TV series and are looking for a simple way to browse for their interests.

The benefits of Cinema Lookup entail effortless discovery of movies and TV Series, which is time-saving and user friendly. The plan would be to proceed with integrating the site with a broad coverage of data, ensuring a wide range of movies and TV Series to select from.

Searching / Browsing Web Application User A user uses a browser to interact with the frontend to search for movies / TV series Web Application Frontend Communicates with backend server **Frontend** (HTML, CSS, React.js) Allows users to search and browse for movies an TV series Backend Handles API requests and communicates with the database **External API** Airtable Database

High-level Architecture Diagram for Movie and TV Series