Requirement Gathering and Analysis Phase

Technology Stack (Architecture & Stack)

Date	
Team ID	
Project Name	StreamSavvy
Maximum Mark	

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Architectural Diagram

(Include an architectural diagram illustrating the flow of data in the movie platform, focusing on the frontend structure and external API usage for fetching movie data.)

Table-1 : Components & Technologies:

S.No	Component	Description	Technology
1.	User Interface	Frontend for users to browse, search, and view Movies	HTML, CSS, React JS
2.	Application Logic-	Handles movie data fetching and user interactions.	JavaScript, React
3.	External API-1	Retrieves movie data and details	TMDB API

Table-2: Application Characteristics:

S.No	Characteristics	Description	Technology
1.	Open-Source Frameworks	React, a JavaScript library for building user interfaces	React
2.	Security Implementations	Use of HTTPS and secure API calls	HTTPS
3.	Scalable Architecture	Scalable React frontend capable of handling user requests	React
4.	Availability	Cloud deployment ensures high availability and reliability	Firebase Hosting, AWS