

# 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:**

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