

Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Date	31 January 2025
Team ID	SWTID1743612504
Project Name	Streamify: Your Ultimate OTT Platform
Maximum Marks	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	Registration through Form
		Registration through Gmail
		Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email
		Confirmation via OTP
FR-3	User Authentication	Login via Form
		JWT Token-Based Session Management
		Logout Functionality
FR-4	Content Browsing	Fetch Movies/Shows via TMDB API
		Search Functionality
		Filter by Genre, Language, Rating
FR-5	User Profile Management	View Profile
		Edit Profile
FR-6	Watchlist	Add to Watchlist
		Remove from Watchlist
		View Watchlist
FR-7	Video Player Integration	Play Video
		Playback Controls
		Resume from Last Watched Position

Non-functional Requirements:

Following are the non-functional requirements of the proposed solution.

NFR No.	Non-Functional Requirement	Description
NFR-1	Usability	Streamify offers a modern, responsive UI designed for ease of navigation across devices.
NFR-2	Security	User data is protected with encryption and JWT-based authentication.
NFR-3	Reliability	System will be tested for fault-tolerance and uptime with robust error handling.
NFR-4	Performance	Optimized API calls, lazy loading, and caching for smooth experience.
NFR-5	Availability	99.5% uptime aimed through cloud deployment and load-balanced architecture.
NFR-6	Scalability	Built using scalable technologies (MongoDB, Node.js, React) with future microservices support.