Solution Requirement

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	Registration via Email Registration via Gmail Registration via Phone Number
FR-2	User Login	Login via Email Login via OTP Remember Me Functionality
FR-3	Video Conference	Host can create a room
	Room Creation	Set room name, access type (public/private), meeting agenda
FR-4	Join Conference	Users can join via room link or code Waiting room support Lobby notifications
FR-5	Screen Sharing & Recording	Share screen (full/window/tab) Start/Stop meeting recording Save recordings to cloud/local
FR-6	Chat Functionality	Real-time text chat during call Emojis & media sharing
FR-7	Audio/Video Controls	Mute/unmute audio Turn on/off video Device settings management
FR-8	Notifications	Email/Push notifications for booking status New listings alerts
FR-9	Admin Panel	Manage users Approve/reject listings View reports
FR-10	Scheduling Meetings	Schedule future meetings Calendar integration Invite participants via email

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The UI should be clean, intuitive, and mobile-responsive
NFR-2	Security	Data encryption, secure authentication, and role-based access control
NFR-3	Reliability	Ensure data accuracy and uptime through robust backend and monitoring
NFR-4	Performance	Fast load times (<2 seconds), optimized image loading
NFR-5	Availability	99.9% uptime, with auto-scaling on traffic surge
NFR-6	Scalability	Support for thousands of concurrent users and listings