

Project Design Phase-II
Solution Requirements (Functional & Non-functional)

Date	27 June 2025
Team ID	LTVIP2025TMID49194
Project Name	Visualizing housing Market trends:An analysis of sale prices and features using tableau
Maximum Marks	4 Marks

Functional Requirements:

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 Login	Login with Email & Password
		Login via Gmail
		Login via Facebook
FR-4	Dashboard Access	Access to user dashboard after login
		View profile and basic user information
		Logout functionality

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The system should have an intuitive user interface that is easy to navigate for both mobile and web users.
NFR-2	Security	All user data must be stored securely using encryption; authentication must be enforced via secure protocols (e.g., HTTPS, OAuth 2.0).
NFR-3	Reliability	The system should function without failures, ensuring that critical features like registration and login are always operational.

FR No.	Non-Functional Requirement	Description
NFR-4	Performance	The system should respond to user actions (e.g., login, registration) within 2 seconds under normal load.
NFR-5	Availability	The application should be accessible 99.9% of the time, including during peak hours.