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

Date	28 June 2025
Team ID	LTVIP2025TMID47530
Project Name	Visualizing Housing Market Trends: An Analysis of Sale Prices and Features using Tableau
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	Data Upload	Upload housing dataset (CSV, Excel)
FR-4	Dashboard visualization	Show Bar, Pie, Line, Stacked Bar, and Bubble Charts
FR -5	Export &Share	Export dashboard as image or PDF, share Tableau link

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The dashboard must have a user-friendly, intuitive design
NFR-2	**Security**	Ensure data protection and restricted access
NFR-3	**Reliability**	Dashboard should work consistently without crashes
NFR-4	**Performance**	Load dashboard within 5 seconds for 10,000 records
NFR-5	**Availability**	Accessible on Tableau Desktop & Public
NFR-6	**Scalability**	Support datasets up to 1 million records