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

Date	25 june2025
Team ID	LTVIP2025TMID51407
Project Name	Visualizing Housing Marketing Trends:An Analysis of Sales prices And Features 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	Data Upload	Upload housing dataset in CSV/Excel format
FR-2	Data Preparation	Clean null values, create calculated fields, build bins
FR-3	Visualization Creation	Create bar chart, pie chart, histogram, map, scatter plot
FR-4	Dashboard Assembly	Combine visualizations into interactive dashboard
FR-5	Filtering & Interactivity	Add filters (year, price range), highlight actions
FR-6	Export & Sharing	Publish dashboard to Tableau Public, export as PDF

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Easy to navigate dashboard with clear labels and tooltips
NFR-2	Security	Restrict access to raw data files, secure Tableau login
NFR-3	Reliability	Restrict access to raw data files, secure Tableau login
NFR-4	Performance	Fast loading time even with large datasets
NFR-5	Availability	Published dashboard accessible anytime online
NFR-6	Scalability	Ability to add new charts or update data as trends change