

Project Design Phase-II Technology Stack (Architecture & Stack)

Date	30 January 2026
Team ID	LTVIP2026TMIDS38827
Project Name	Strategic Product Placement Analysis
Maximum Marks	4 Marks

Technical Architecture:

The system performs Strategic Product Placement Analysis using Tableau dashboards and stories.

The business analyst prepares and analyzes the dataset in Tableau to create interactive dashboards.

These dashboards and stories are then embedded into a Bootstrap website using integration code.

The website displays the visualizations in a responsive and interactive format, allowing users to explore insights easily.

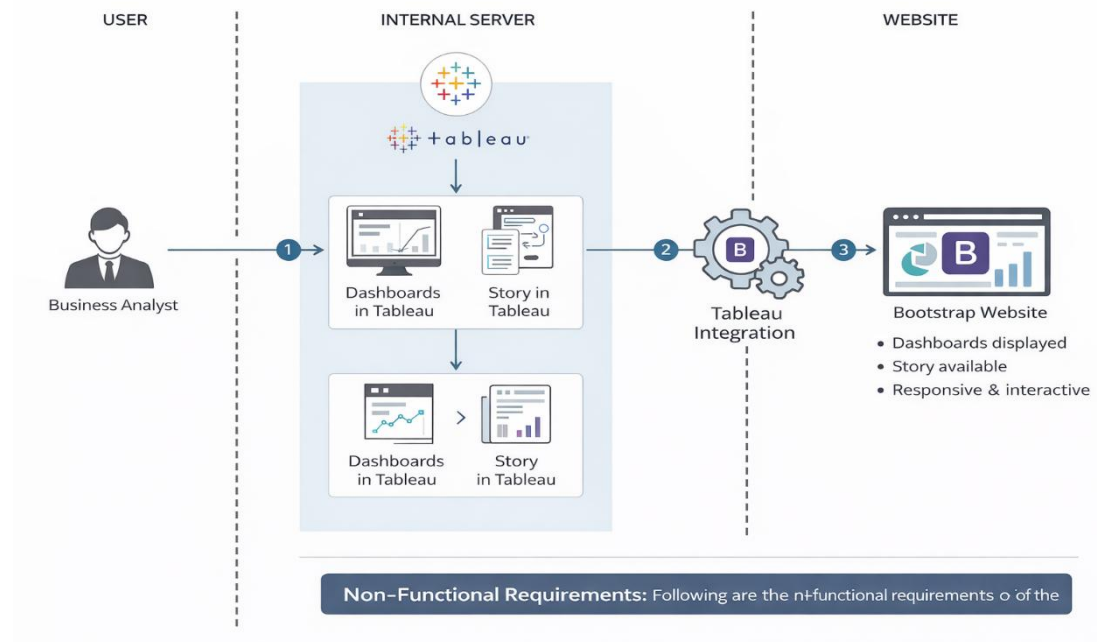


Table-1: Components & Technologies

S.No	Component	Description	Technology
1	User Interface	Web interface for viewing dashboards and stories	HTML, CSS, JavaScript, Bootstrap
2	Data Visualization	Creation of dashboards and visual analytics	Tableau Desktop
3	Story Creation	Presentation of step-by-step analytical insights	Tableau Story
4	Integration Layer	Embedding dashboards into website	Tableau Embed Code / iFrame
5	Dataset Storage	Storage of sales and placement dataset	Excel / CSV Files
6	Web Hosting / Deployment	Hosting the Bootstrap website	Local Server / Cloud Hosting

Table-2: Application Characteristics

S.No	Characteristics	Description	Technology
1	Open-Source Frameworks	Frontend framework used for responsive UI	Bootstrap
2	Security Implementations	Secure embedding and controlled access to dashboards	Tableau Privacy Settings
3	Scalable Architecture	Supports addition of more dashboards and larger datasets	Tableau + Web Integration
4	Availability	Accessible through web browser anytime	Web Hosting Service
5	Performance	Optimized dashboard loading and smooth interaction	Tableau Optimization Techniques