

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

Date	28 February
Team ID	LTVIP2026TMIDS53367
Project Name	Empowering India: Analysing the Evolution of Union Budget Allocations for Sustainable Growth
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 Collection	<ul style="list-style-type: none"> • Collect Union Budget data year-wise • Gather sector-wise allocation data • Import datasets into system
FR-2	Data Processing	<ul style="list-style-type: none"> • Clean missing values • Organize data into structured format • Prepare data for visualization
FR-3	Dashboard Visualization	<ul style="list-style-type: none"> • Create charts and graphs • Show sector allocation trends • Display year-wise budget evolution
FR-4	Budget Analysis & Insight	<ul style="list-style-type: none"> • Compare sector allocations • Analyze sustainable growth impact • Generate meaningful insights
FR-5	Reporting & Presentation	<ul style="list-style-type: none"> • Generate analysis reports • Create presentation dashboards • Export charts and insights
FR-6	Future Analysis & Forecasting	<ul style="list-style-type: none"> • Predict future budget trends • Add advanced forecasting models • Improve dashboard with new data

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The dashboard should be simple, user-friendly, and easy to understand with clear charts and navigation.
NFR-2	Security	Budget data should be stored securely and protected from unauthorized access or modification.
NFR-3	Reliability	The system should provide accurate analysis results and work consistently without errors.
NFR-4	Performance	The dashboard should load quickly and handle large budget datasets efficiently.
NFR-5	Availability	The system should be available whenever required and support continuous access for analysis.

NFR-6	Scalability	
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