

**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"><li>Collect Union Budget data year-wise</li><li>Gather sector-wise allocation data</li><li>Import datasets into system</li></ul>
FR-2	Data Processing	<ul style="list-style-type: none"><li>Clean missing values</li><li>Organize data into structured format</li><li>Prepare data for visualization</li></ul>
FR-3	Dashboard Visualization	<ul style="list-style-type: none"><li>Create charts and graphs</li><li>Show sector allocation trends</li><li>Display year-wise budget evolution</li></ul>
FR-4	Budget Analysis & Insight	<ul style="list-style-type: none"><li>Compare sector allocations</li><li>Analyze sustainable growth impact</li><li>Generate meaningful insights</li></ul>
FR-5	Reporting & Presentation	<ul style="list-style-type: none"><li>Generate analysis reports</li><li>Create presentation dashboards</li><li>Export charts and insights</li></ul>
FR-6	Future Analysis & Forecasting	<ul style="list-style-type: none"><li>Predict future budget trends</li><li>Add advanced forecasting models</li><li>Improve dashboard with new data</li></ul>

**Non-functional Requirements:**

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

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

NFR-6	Scalability	
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