

Solution Requirements (Functional & Non-Functional)

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Functional Requirements

FR No.	Requirement (Epic)	Sub Requirement (Story / Task)
FR-1	Data Visualization	System must generate Treemaps for "Top 5 Schemes". System must generate Bar Charts for "Department Wise Estimates".
FR-2	Interactive Filtering	Users must be able to filter data by "Ministry". Users must be able to toggle between "Actuals" and "Estimates".
FR-3	Web Integration	Dashboard must be embedded in a Flask Web Application.
FR-4	Data Analysis	System must calculate "Total Budget" (Revenue + Capital).

Non-Functional Requirements

NFR No.	Requirement	Description
NFR-1	Usability	The dashboard must be responsive (Mobile & Desktop compatible).
NFR-2	Performance	Dashboard load time should be under 3 seconds.
NFR-3	Reliability	Data must match the Official Union Budget documents (Zero Calculation Error).

NFR-4	Scalability	System should support adding data for future fiscal years (e.g., 2025-2026).
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