

Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Date	20 February 2026
Team ID	LTVIP2026TMIDS24275
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	User Registration	Registration through Form
		Registration through Gmail
		Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email
		Confirmation via OTP
FR-3	User Login & Access	Login using Email & Password
		Forgot Password & Reset
		Secure Session Management
FR-4	Budget Data Management	Upload Union Budget Dataset
		Data Cleaning & Preprocessing
		Categorize Sector-wise Allocation
FR-5	Dashboard & Visualization	Year-wise Budget Trend Charts
		Sector-wise Allocation Graphs
		Filter by Year / Sector
FR-6	Analytics & Forecasting	Growth Rate Analysis
		AI-based Future Allocation Prediction
		Sustainability (SDG) Mapping
FR-7	Reports & Export	Download Reports in PDF
		Generate Comparative Reports
FR-8	Admin Management	Manage Users
		Monitor System Activity
		Update Budget Database

Non-functional Requirements:

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