

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

Date	31 January 2025
Team ID	LTVIP2026TMIDS57513
Project Name	calculating family expenses using service now
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	Expense Management	Users can add, edit, delete, and categorize daily family expenses.
FR-4	Dashboard & Summary	Users can view summarized monthly and category-wise expense reports through dashboards.
FR-5	Report Generation	Users can generate and download detailed expense reports in required formats.

FR-6	Data Validation & Security	The system validates input data and ensures secure storage with role-based access control.
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Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The system shall provide a simple, user-friendly interface for easy expense entry and report viewing.
NFR-2	Security	The system shall ensure secure authentication, data encryption, and role-based access control.
NFR-3	Reliability	The system shall consistently store and process expense data accurately without data loss.
NFR-4	Performance	The system shall load dashboards and process transactions within acceptable response times.
NFR-5	Availability	The system shall be accessible to users 24/7 with minimal downtime.
NFR-6	Scalability	The system shall support increasing users and data volume without affecting performance.