

Date	02 November 2025
Team ID	NM2025TMID05269
Project Name	Calculating Family Expenses
Maximum Marks	4 Marks

Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Functional Requirements

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	Creation of Update Set	Developer creates a new update set to capture all configuration changes.
FR-2	Family Expenses Table	Admin creates a 'Family Expenses' table to store aggregated data for analysis.
FR-3	Daily Expenses Table	Admin creates a 'Daily Expenses' table to record individual expenses.
FR-4	Relationship Setup	Establishes a relationship between Family Expenses and Daily Expenses tables.
FR-5	Related List Configuration	Configures related lists to display all daily expense records linked to a family entry.
FR-6	Business Rule Automation	Creates a business rule to automatically update Family Expenses whenever a new daily expense is recorded.
FR-7	Relationship Query Script	Adds a custom query script to refine data linking between tables based on specific criteria.
FR-8	Documentation	Developer documents implementation steps, configurations, and test results.

Non-Functional Requirements

NFR No.	Non-Functional Requirement	Description
NFR-1	Usability	The forms should be user-friendly and easy to navigate for all users.
NFR-2	Security	Only authorized users can access or modify Family and Daily Expenses.
NFR-3	Reliability	The system should correctly update family totals whenever a new expense is recorded.
NFR-4	Performance	The automation and relationship queries should execute instantly without noticeable delay.
NFR-5	Availability	The system should be available 24/7 for users to record or view expenses.
NFR-6	Scalability	The project should handle a growing number of family and daily records without performance degradation.
NFR-7	Maintainability	All configurations should be captured in an Update Set for easy migration and future modification.