

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

Date	15 April 2025
Team ID	SWTID1743870329
Project Name	Personal Expense Tracker
Maximum Marks	2 Marks

Functional Requirements:

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	Add, Edit, Delete Expenses Categorize Expenses Add Payment Method & Notes
FR-4	Budget Management	Set Monthly Budgets by Category Alert/Notify on Budget Limit Exceed
FR-5	Reports & Visualizations	Generate Monthly & Custom Date Range Reports Generate Monthly & Custom Date Range Reports

FR-6	Authentication & Session Handling	Secure Login / Logout Password Reset / Change Token-based Authentication
FR-7	User Profile	View & Update Profile Information Manage Notification Preferences
FR-8	Export / Backup	Export Expenses in CSV / PDF Backup & Download Data
FR-9	Admin Dashboard	View User Activity & Analytics Manage User Accounts (Block/Delete)
FR-10	Support & Feedback	Submit Support Request Admin/Exec can view and reply to support messages

Non Functional Requirements:

NFR No.	Non-Functional Requirement	Description
NFR-1	Usability	Intuitive UI with responsive design for web and mobile platforms
NFR-2	Security	End-to-end encryption, secure login, HTTPS, JWT for authentication
NFR-3	Reliability	Ensures data integrity, with backup and auto-recovery mechanisms
NFR-4	Performance	Fast page load times, optimized queries,

		low-latency user interactions
NFR-5	Availability	High uptime with redundancy on hosting and database servers
NFR-6	Scalability	Easily supports growing number of users and expanding features via microservices