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

Data Flow Diagram:
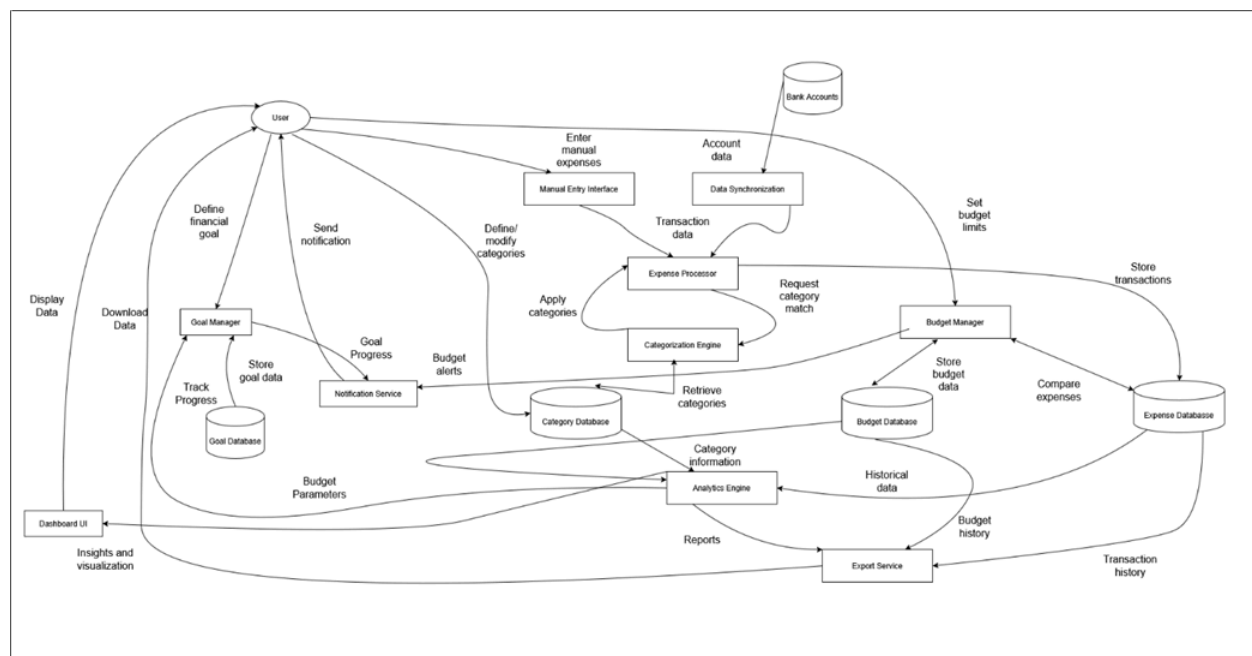
The Data Flow Diagram (DFD) for a personal expense tracker app visualizes how financial information moves through the system, illustrating both data processing logic and storage requirements. It shows how user inputs and external financial sources like bank accounts feed into core processing components that handle, categorize, and analyze expenses. The diagram maps connections between key data stores (expense, category, budget, and goal databases) and processing elements like the expense processor, categorization engine, analytics engine, and notification service. By tracing data paths from input sources through various transformations to final outputs like dashboards and reports, the DFD helps development teams understand system requirements, identify potential bottlenecks, establish appropriate security measures, and ensure all components communicate effectively. This technical blueprint serves as a foundation for system architecture and database design decisions.

User Stories :

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance Criteria	Priority	Release
Customer (Mobile user)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
	Login	USN-2	As a user, I can log into the application by entering email & password	Successful login redirects to the dashboard	High	Sprint-1
	Dashboard	USN-3	As a user, I can view a summary of my monthly expenses and budget status	Monthly stats are visible immediately after login	High	Sprint-1
	Expense Management	USN-4	As a user, I can add a new expense with category, date, and payment method	Expense is stored and reflected in dashboard	High	Sprint-1

	Reports & Visualization	USN-5	As a user, I can view charts and reports of my spending patterns	Charts are shown based on selected time filters	High	Sprint-2
Customer (Web user)	Web Access	USN-6	As a user, I can access the app using a browser with the same credentials	Cross-platform compatibility maintained	Medium	Sprint-1
	Responsive Design	USN-7	As a user, I can access and navigate the app on any device size	App is fully responsive	Medium	Sprint-1
	Export Data	USN-8	As a user, I can export my expense data in CSV or PDF format	Files download with accurate data	Low	Sprint-3
Customer Care Executive	Support & Help	USN-9	As an executive, I can view and respond to customer support requests	Messages appear and can be responded to	Medium	Sprint-2
	Ticket Management	USN-10	As an executive, I can escalate or	Status of tickets can be updated	Low	Sprint-3

			close support tickets			
Administrator	User Management	USN-11	As an admin, I can manage (block/delete) user accounts	User data is updated accordingly	High	Sprint-2
	System Monitoring	USN-12	As an admin, I can view analytics of app usage and errors	Dashboard reflects real-time data	Medium	Sprint-3
	Data Integrity	USN-13	As an admin, I can perform backups and restore data	Backup/restore features work without data loss	High	Sprint-3