Project Design Phase-II

Data Flow Diagram & User Stories

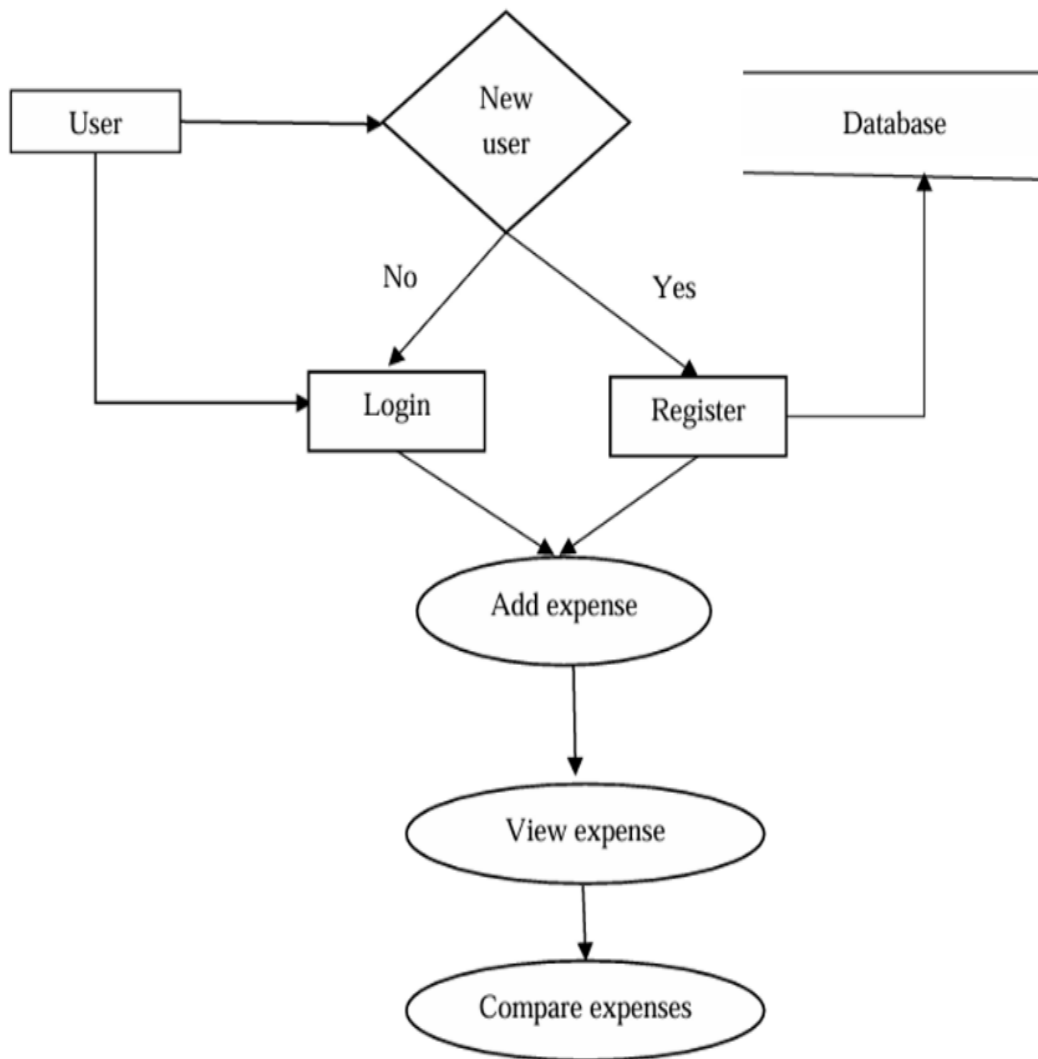| Date	31 January 2025
Team ID	SWTID1744280958
Project Name	SpendSmart : Your Personal Finance Companion
Maximum Marks	4 Marks

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information and where data is stored.

LEVEL 0 DF

LEVEL 1 DFD

User → New user

No → Login

Yes → Register

Register → Database

User → Login

Login → Add expense

Register → Add expense

Add expense → View expense

View expense → Compare expenses
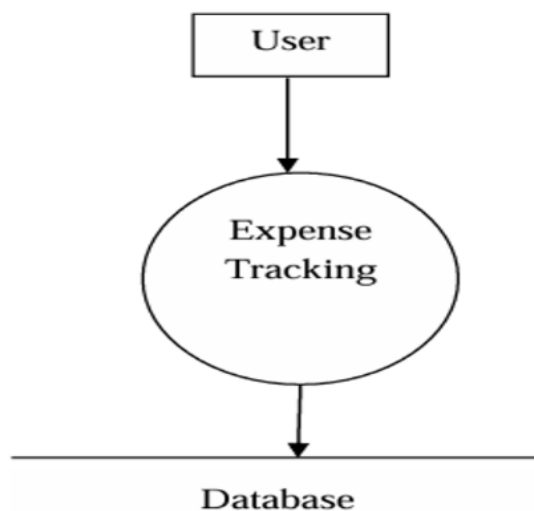
User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Registration	USN-1	As a user, I can register for SpendSmart by entering email, password, and confirming it	I can access my SpendSmart account / dashboard	High	Sprint-1
	Registration	USN-2	As a user, I will receive a confirmation email after registering	I receive a confirmation email & can click confirm	High	Sprint-1
	Registration (Social Login)	USN-3	As a user, I can register using Facebook	I can log in & access dashboard via Facebook	Low	Sprint-2
	Registration (Social Login)	USN-4	As a user, I can register using Gmail	I can log in & access dashboard via Gmail	Medium	Sprint-1
	Login	USN-5	As a user, I can log into SpendSmart using email and password	Login is successful & I can view home screen	High	Sprint-1

	Dashboard	USN-6	As a user, I can view my monthly expense summary on the dashboard	Dashboard shows categorized expenses & total spending	High	Sprint-2
Customer (Web user)	Expense Entry & Categorization	USN-7	As a user, I can add and categorize expenses by type (e.g., Food, Transport	Expense shows up in correct category	High	Sprint-2
	Budget setting	USN-8	As a user, I can set a monthly budget for each category	Budget limits are saved and shown in analytics	Medium	Sprint-3
Customer Care Executive	Support Ticket System	USN-9	As an executive, I can view and manage customer queries	Queries are shown in a dashboard with filters & status updates	High	Sprint-3
User Analytics	Content Management System	USN-10	As an admin, I can view stats like active users, monthly savings trends, etc.	Dashboard loads reports correctly based on date range	High	Sprint-2

	User Analytics	USN-11	As an admin, I can view usage stats like active users, most-watched content, etc.	Dashboard loads reports correctly based on date range	Medium	Sprint-4