Project Design Phase-II
Data Flow Diagram & User Stories

Date	10 October 2022
Team ID	PNT2022TMID03273
Project Name	Project – Personal Expense Tracker Application
Maximum Marks	4 Marks

Data Flow Diagrams:

The DFD helps represent the system. For Personal Expense Tracker, DFD shows that the system has one entity which is user. The processes include register, login, manage income, manage expense, and produce report.
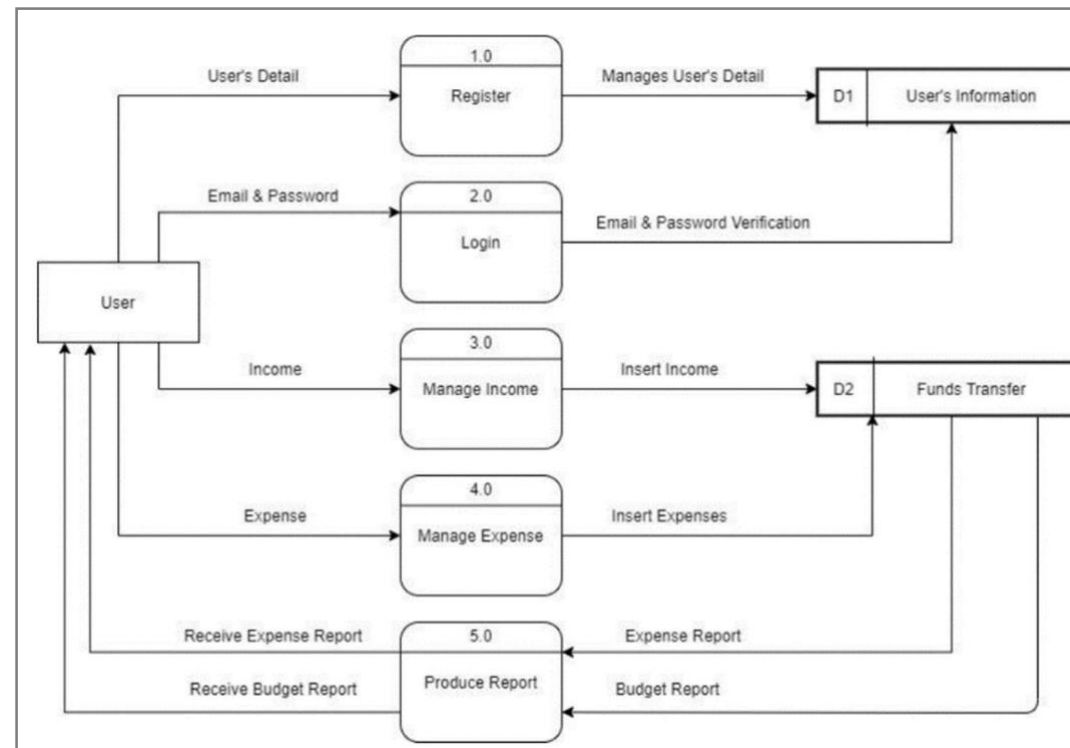

Figure.1 shows the DFD Level 0 (Industry Standard) for Personal Expense Tracker

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
		USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-1
		USN-3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-2
		USN-4	As a user, I can register for the application through Gmail	I can register & access the dashboard with Gmail Login	Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password	I can login into application if correct mail id and password are entered	High	Sprint-1
	Dashboard	USN-6	As a user, I can see my transaction history	I can see if login is successful	Medium	Sprint-1
		USN-7	As a user, I can check balance	I can see if login is successful	Medium	Sprint-1
		USN-8	As a user, I can update my salary and expenses	I can see if login is successful	High	Sprint-2
Customer Care Executive (IBM Watson)	Application	USN-9	As a customer care executive, IBM Watson chat assistant can solve the problem and help the users facing issue	Chat assistant can provide support at any time	Medium	Sprint-2
Administrator	Application	USN-10	As an administrator, I can update the application based on user reviews	I can upgrade the application	Medium	Sprint-3
		USN-11	As an administrator, I can fix the bugs	I can fix bugs in case of issues	Medium	Sprint-3