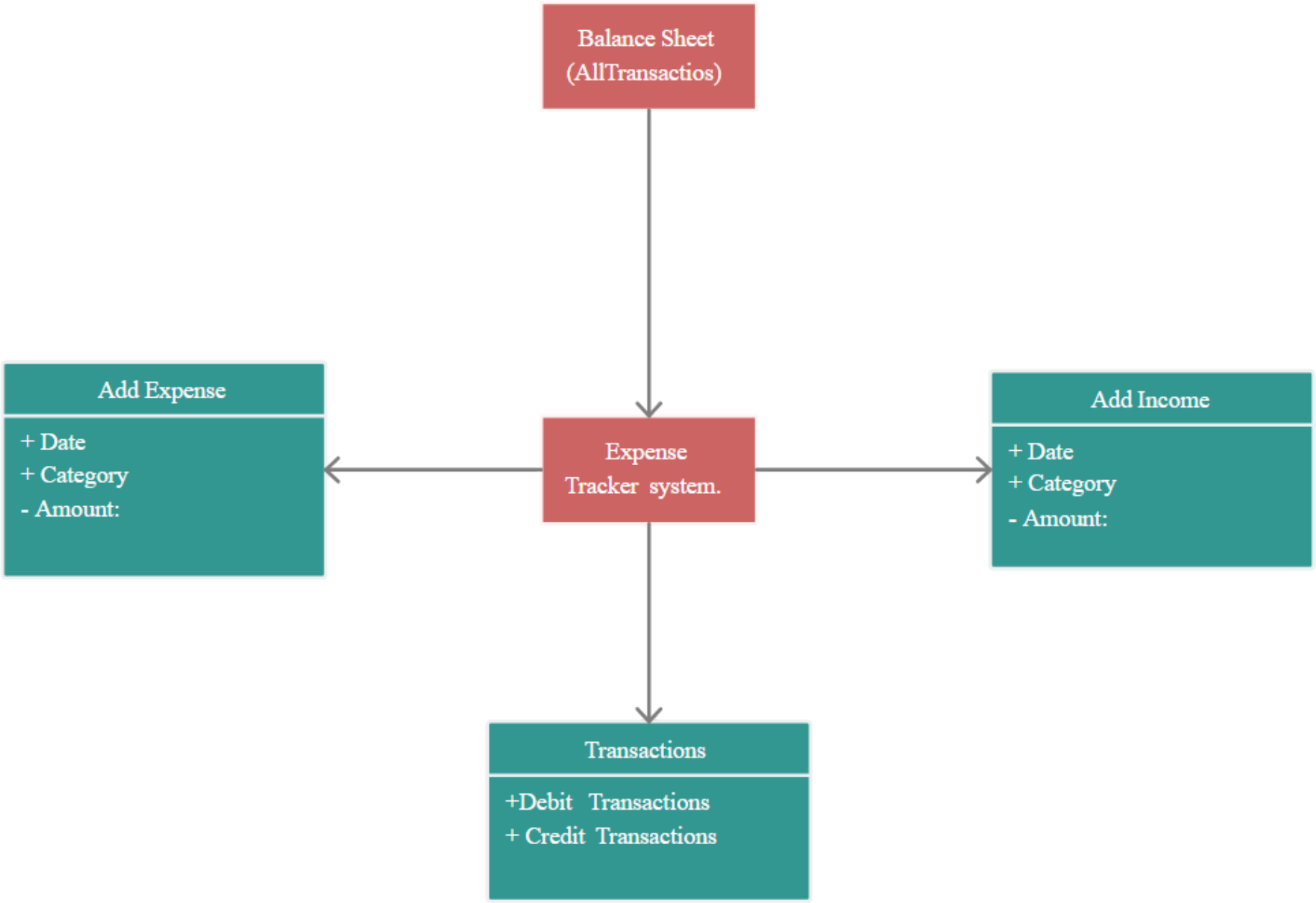
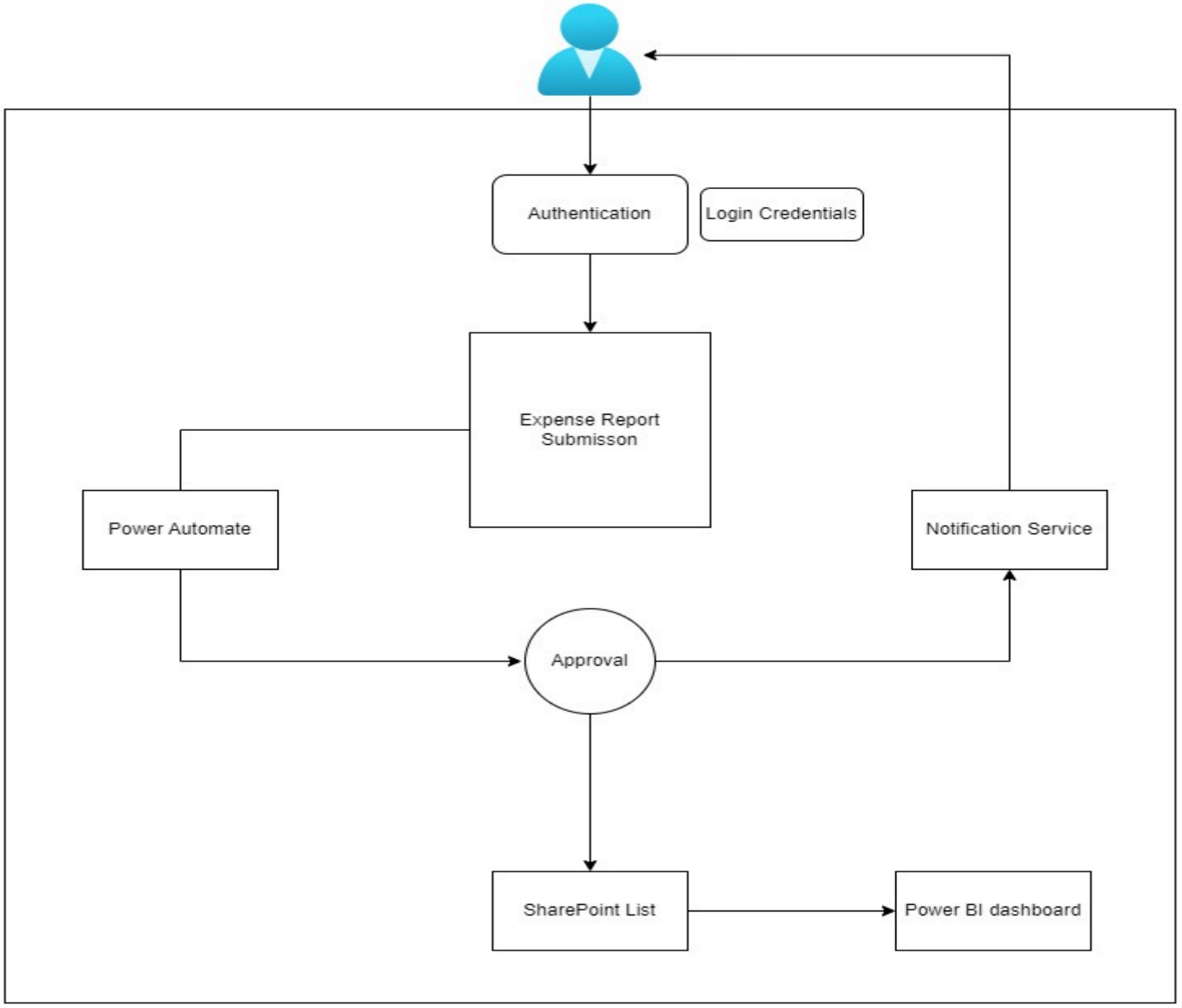
Project Design Phase-II
Data Flow Diagram & User Stories

Date	10 February 2026
Team ID	LTVIP2026TMIDS57513
Project Name	**calculating family expenses using service now**
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.


Balance Sheet
(AllTransactios)
Add Expense
+ Date
+ Category
- Amount:
Expense
Tracker system.
Add Income
+ Date
+ Category
- Amount:
Transactions
+Debit Transactions
+ Credit Transactions


Authentication
Login Credentials
Expense Report Submisson
Power Automate
Notification Service
Approval
SharePoint List
Power BI dashboard

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
Customer (Mobile user)	Confirmation	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
Customer (Mobile user)	Application	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
Customer (Mobile user)	GMail	USN-4	As a user, I can register for the application through Gmail	User is authenticated via Facebook and	Medium	Sprint-1

				profile is created		
Customer (Mobile user)	Login	USN-5	As a user, I can log into the application by entering email & password	User successfully logs in and views dashboard	High	Sprint-1
Customer (Mobile user)	Dashboard	USN-6	As a user, I can view charts and key metrics on the dashboard.	Dashboard loads with accurate visual data	High	Sprint-2
Customer (Web user)	Profile Management	USN-7	As a user, I can view and update my personal profile details.	Updated profile details are saved successfully	Medium	Sprint-3
Customer Care Executive Administrator	Expense Entry	USN-8	As a user, I can add daily family expenses with amount, date, and category.	Expense is saved and visible in expense list	High	Sprint-3
Customer (Mobile user)	Expense Summary	USN-9	As a user, I can view daily and monthly expense summaries.	Summary data is displayed correctly	High	Sprint-4
Customer (Mobile user)	Reports	USN-10	As a user, I can generate and download expense reports.	Report is generated and downloadable	Medium	Sprint-4
Customer (Mobile user)	LogOut	USN-11	As a user, I can securely log out of the application.	User session ends and login page is shown	Low	Sprint-4