Project Design Phase-II
Data Flow Diagram & User Stories

Date	24 June 2025
Team ID	LTVIP2025TMID20412
Project Name	Calculating Family Expenses using Service Now
Mentor Name	Dr Shaik Salma Begum
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.
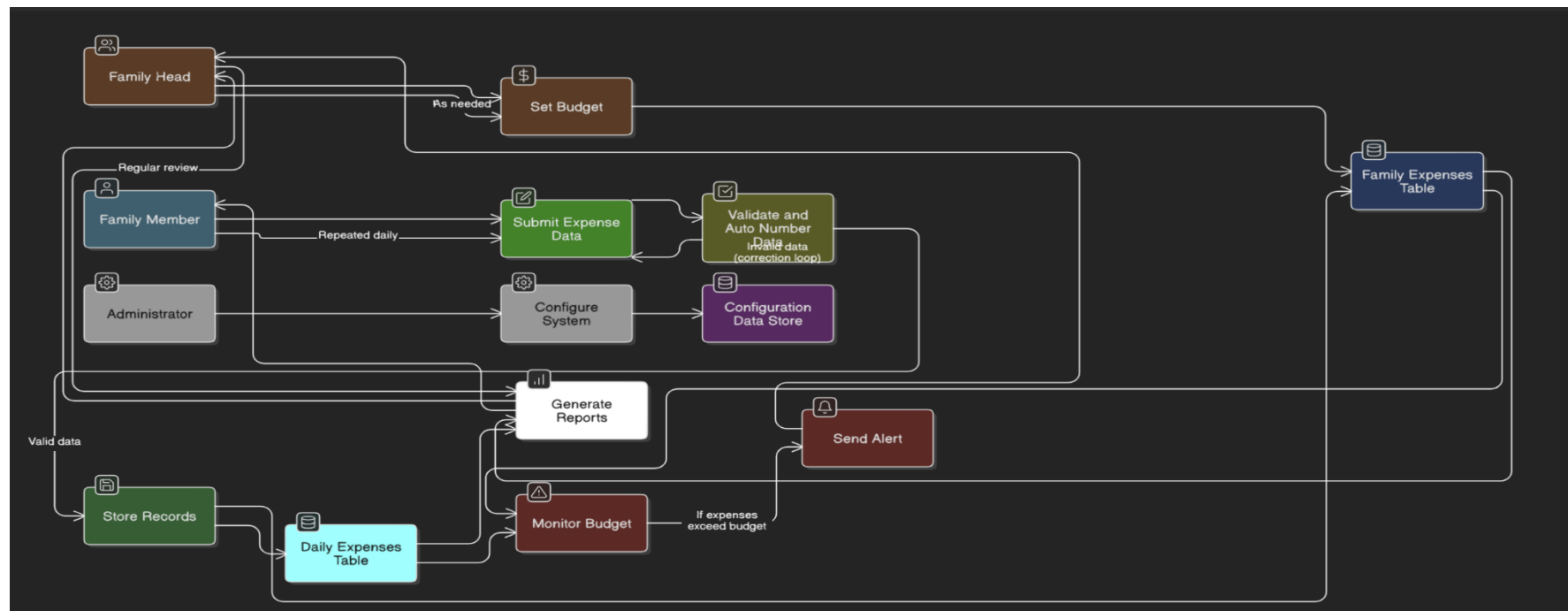
User Stories

Use the below template to list all the user stories for the product.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Family Member (User)	ServiceNow Setup	USN-1	As a developer, I can set up a Personal Developer Instance	Instance is active and accessible for configuration	High	Sprint-1
Family Member (User)	Update Set Creation	USN-2	As a developer, I can create and activate an update set	Update set is active and tracking changes	High	Sprint-1
Family Member (User)	Table Creation	USN-3	As a developer, I can create a Family Expenses table with auto-numbering and form	Table is created, records have MFE prefix numbers	High	Sprint-1
Family Member (User)	Table Creation	USN-4	As a developer, I can create a Daily Expenses table with auto-numbering and form	Table is created, records have DFE prefix numbers	High	Sprint-1
Family Member (User)	Relationship Configuration	USN-5	As a developer, I can configure relationship between Family & Daily Expenses	Related list shows correct linked Daily Expenses in Family form	High	Sprint-2
Family Member (User)	Related List Setup	USN-6	As a developer, I can add related list to Family Expenses form	Related list is visible on form	High	Sprint-2
Family Member (User)	Business Rule Automation	USN-7	As a developer, I can create business rules to automate actions	Business rule triggers on insert/update as expected	Medium	Sprint-2
Family Member (User)	Budget Monitoring	USN-8	As a user, I can receive an alert when expenses exceed family budget	Alert triggers when budget is exceeded	Medium	Sprint-3
Family Member (User)	Reporting	USN-9	As a user, I can generate categorized expense reports	Report displays spending by category correctly	Low	Sprint-3