**Project Design Phase-II**

**Data Flow Diagram & User Stories**

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| 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.

A computer screen shot of a diagram

AI-generated content may be incorrect.

**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 |