Project Design Phase-II: Data Flow Diagram & User Stories

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Team ID: LTVIP2025TMID29711

Project Name: Optimizing User, Group, and Role Management with Access Control and Workflows

Maximum Marks: 4 Marks

☐ Data Flow Diagram (DFD)

A Data Flow Diagram (DFD) is a visual representation of how data moves through the system. It identifies where data comes from (source), where it goes (destination), how it is processed, and where it is stored.

DFD Overview for the Project

Level 0:

[User] → (Request Access) → [Access Management System] → (Evaluate Permissions) → [ServiceNow Platform]

Level 1:

[User]
↓
[Login/Register Form] → (Input)
↓↓
[Workflow Engine] [User Table]
↓↓
[Role Assignment] [Audit Log / Notifications]

Note: DFDs can be drawn using tools like draw.io, Lucidchart, or Visio.

Conceptual representation of data flow in a user management system.

✔User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance Criteria	Priority	Release
Customer (Mobile)	Registration	USN-1	As a user, I can register by entering email, password, and confirming password.	I can access my account / dashboard	High	Sprint-1
Customer (Mobile)	Registration	USN-2	As a user, I will receive a confirmation email after registration.	I can receive and confirm email	High	Sprint-1
Customer (Mobile)	Registration	USN-3	As a user, I can register using Facebook.	I can register and access dashboard with Facebook	Low	Sprint-2
Customer (Mobile)	Registration	USN-4	As a user, I can register using Gmail.	I can register using Gmail and access dashboard	Medium	Sprint-1
Customer (Mobile)	Login	USN-5	As a user, I can log in using email and password.	I can access dashboard after login	High	Sprint-1

☐ Other Roles (To be defined)

User Type	Functional Requirement	Description
Customer (Web user)	Dashboard Access	TBD
Customer Care Executive	User Management	TBD
Administrator	Role & Access Control	TBD

A sample user management dashboard interface.