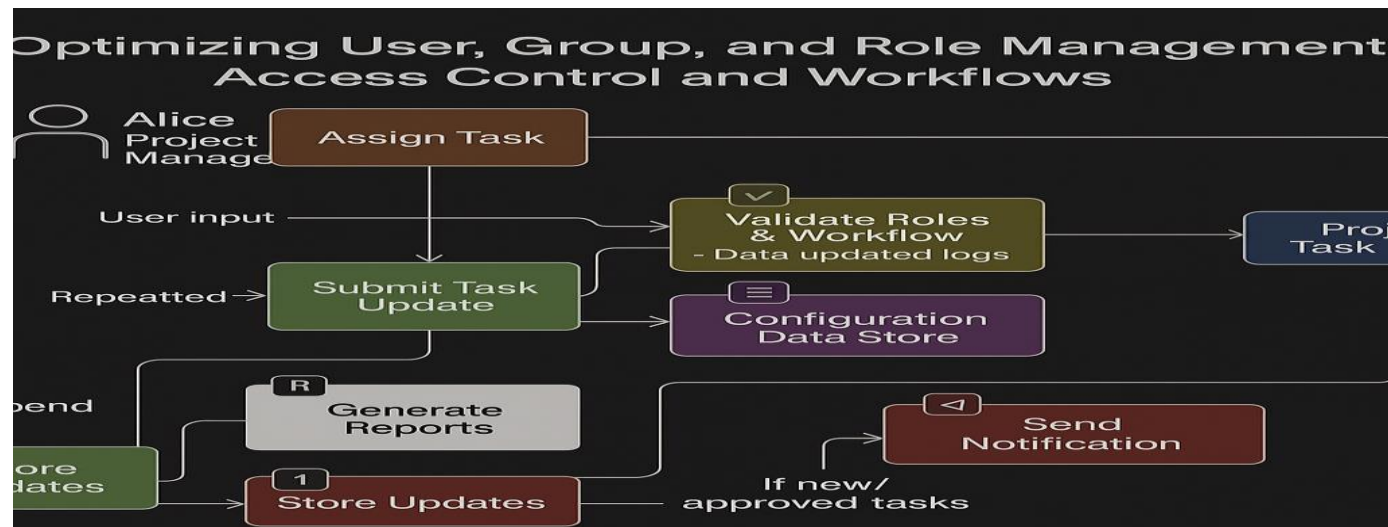


**Project Design Phase-II**  
**Data Flow Diagram & User Stories**

Date	24 June 2025
Team ID	LTVIP2025TMID30187
Project Name	Optimizing User, Group, and Role Management with Access Control and Workflows
Mentor Name	Dr Shaik Salma Begum
Maximum Marks	4 Marks

**Data Flow Diagrams:**

A **Data Flow Diagram (DFD)** for this project illustrates how project tasks, user roles, and workflows interact within the system. The diagram highlights the entry of user task data, its transformation through business rules, and its controlled visibility via access control mechanisms. Core entities include Project Manager (Alice), Team Member (Bob), Project Tasks, and the Access Control Layer.



## 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
Developer (Admin)	ServiceNow Setup	USR-1	As a developer, I can set up a Personal Developer Instance for the role-based task tracking system	Instance is active and configured	High	Sprint-1
Developer (Admin)	Role & Group Setup	USR-2	As a developer, I can define Project Manager and Team Member roles with appropriate access permissions	Roles are assigned and enforce access restrictions	High	Sprint-1
Developer (Admin)	Table Creation	USR-3	As a developer, I can create a Project Tasks table with task name, assignee, status, and deadline	Table is created with all required fields	High	Sprint-1
Developer (Admin)	Form Customization	USR-4	As a developer, I can customize task forms for different user roles	Project Manager sees all tasks, Team Member sees only assigned tasks	High	Sprint-2
Developer (Admin)	Access Control (ACLs)	USR-5	As a developer, I can configure ACLs to restrict visibility and edit access by role	Only authorized users can edit/view based on roles	High	Sprint-2
Developer (Admin)	Workflow Automation	USR-6	As a developer, I can automate task approval and notifications	Email/notification is triggered on submission/update	Medium	Sprint-2
Project Manager (Alice)	Task Management	USR-7	As a manager, I can assign, update, and approve tasks	Tasks can be tracked and changed only by Alice	High	Sprint-2
Team Member (Bob)	Task Execution	USR-8	As a team member, I can view and update only my assigned tasks	Bob can access only tasks linked to him	Medium	Sprint-2
Project Manager	Monitoring	USR-9	As a manager, I can view dashboards or reports on team progress	Dashboard loads data based on task completion/status	Low	Sprint-3