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

Date: 28 June 2025  
Team ID: LTVIP2025TMID28676  
Project Name: Optimizing Role-Based Access and Task Workflows  
Maximum Marks: 4 Marks

## Data Flow Diagrams

Level 0 DFD:

- Project Manager creates tasks → Task Workflow → Team Member updates status → Manager reviews & closes.

Level 1 DFD:  
- User Login  
- Role Assignment  
- Task Management Flow  
- Audit Trail Logging

## User Stories

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| --- | --- | --- | --- | --- | --- | --- |
| User Type | Functional Requirement (Epic) | User Story Number | User Story / Task | Acceptance criteria | Priority | Release |
| Project Manager | Task Management | US-1 | As a PM, I can create a new task and assign it to a team member | Task visible to assignee and in dashboard | High | Sprint-1 |
| Project Manager | Review & Close Task | US-2 | As a PM, I can mark a task as completed after team review | Task marked 'Closed' after validation | Medium | Sprint-2 |
| Team Member | Task Update | US-3 | As a Team Member, I can update task status and add comments | Status reflected in PM's dashboard | High | Sprint-1 |
| Admin | Role Setup | US-4 | As an Admin, I can define user roles and permissions | Roles stored and applied per user login | Medium | Sprint-2 |