

Project Design Phase

Problem – Solution Fit Template

Date	2 NOVEMBER 2025
Team ID	NM2025TMID04605
Project Name	Optimizing User, Group and Role Management with Access Control and Workflows
Marks	2 marks

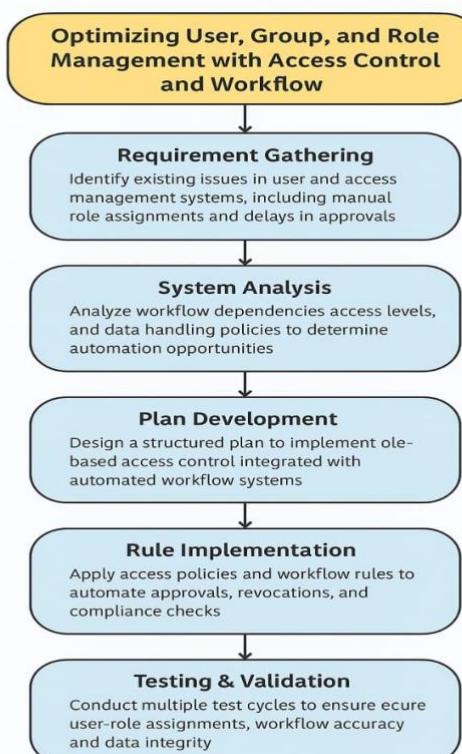
Problem – Solution Fit Template:

The Problem-Solution Fit ensures that the identified issue within an organization is effectively addressed by the proposed solution. It focuses on aligning the project's objectives with real-world business challenges such as inefficient access control, manual user management and lack of workflow automation. This helps in ensuring data security, compliance and operational efficiency.

Purpose:

- Solve complex administrative and access control challenges by automated user, group and role management.
- Improve workflow efficiency and reduce manual intervention through automated approval processes.
- Ensure security and compliance by implementing policy-based access control.
- Enhance organizational productivity by minimizing delays in user provisioning and deactivating.
- Provide a centralized and auditable system for tracking and managing user access.

Template:



The project “Optimizing User, Group, and Role Management with Access Control and Workflow” addresses the increasing complexity and security challenges in enterprise access management. Manual user handling often leads to permission errors, delayed approvals, and compliance risks. This project introduces a centralized, automated system that integrates role-based access control (RBAC) with workflow automation, ensuring that all user activities are policy-driven and traceable.

By streamlining user onboarding, modification, and deactivation processes, the solution enhances data security, reduces administrative overhead, and improves accountability. With rule-based automation and real-time monitoring, the project establishes a robust foundation for secure, efficient, and transparent access control in organizational environments.