

Project Design Phase

Problem – Solution Fit Template

Date	31 October 2025
Team ID	NM2025TMID06082
Project Name	Optimizing user, group and role management with access control and workflow
Maximum Marks	2 Marks

Problem – Solution Fit Template:

Problem:

Organizations often struggle with inefficient user, group, and role management, leading to inconsistent access permissions, security risks, and administrative overhead. Manual processes make it difficult to ensure proper access control and workflow alignment.

Solution:

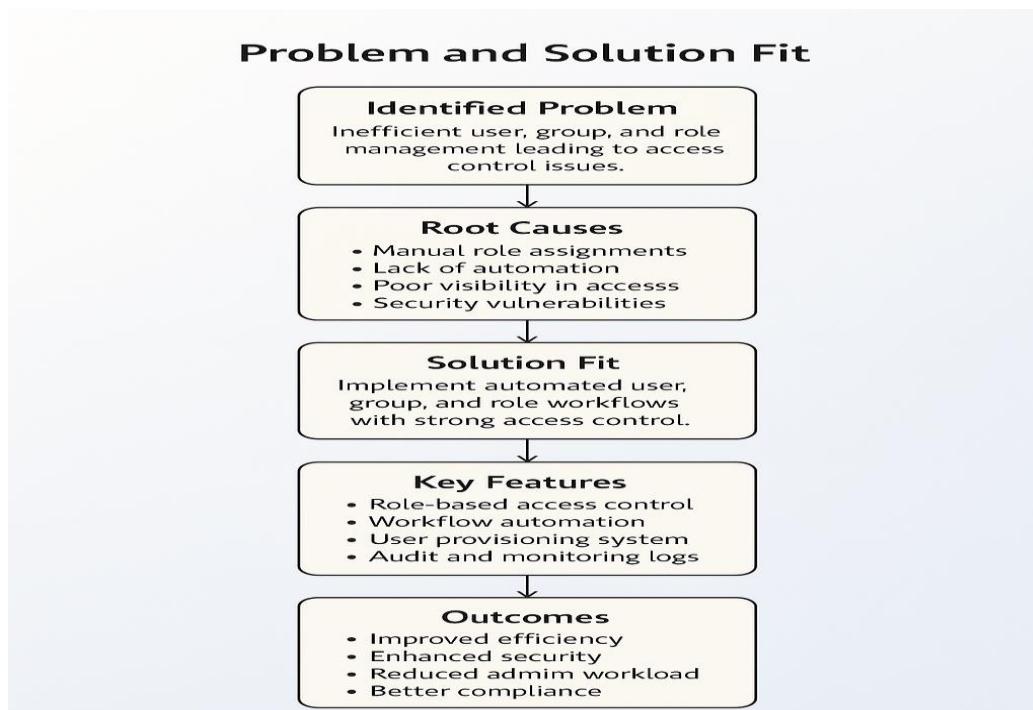
Implementing an automated system for user, group, and role management with integrated access control and workflow optimizes permission handling, enhances security, and reduces manual errors. This ensures efficient authorization, streamlined operations, and improved compliance across the organization.

Purpose:

- To streamline user, group, and role management processes.
- To enhance data security through effective access control.
- To minimize manual errors and administrative workload.
- To ensure proper authorization and accountability.
- To automate workflows for faster and more consistent operations.
- To improve compliance with organizational policies and standards.
- To provide clear visibility into user permissions and access levels.

Template:

Problem and Solution Fit



The problem and solution fit demonstrates how streamlining user, group, and role management through access control and workflow automation enhances security, efficiency, and governance. By aligning permissions with user responsibilities and automating repetitive processes, organizations can minimize errors, reduce administrative overhead, and ensure consistent policy enforcement. This approach creates a scalable, secure, and compliant environment that supports smooth operations and sustainable growth.