

Project Design Phase
Problem - Solution Fit Template

Date	02 November 2025
Team ID	NM2025TMID06932
Project Name	Optimizing User, Group, and Role Management with Access Control and Workflows
Maximum Marks	2 mark

Problem - Solution Fit Template :

The problem–solution fit represents the alignment between the identified issue and the developed solution. It ensures that the system effectively addresses user management inefficiencies, minimizes security risks, and streamlines administrative operations through structured access control and workflow automation.

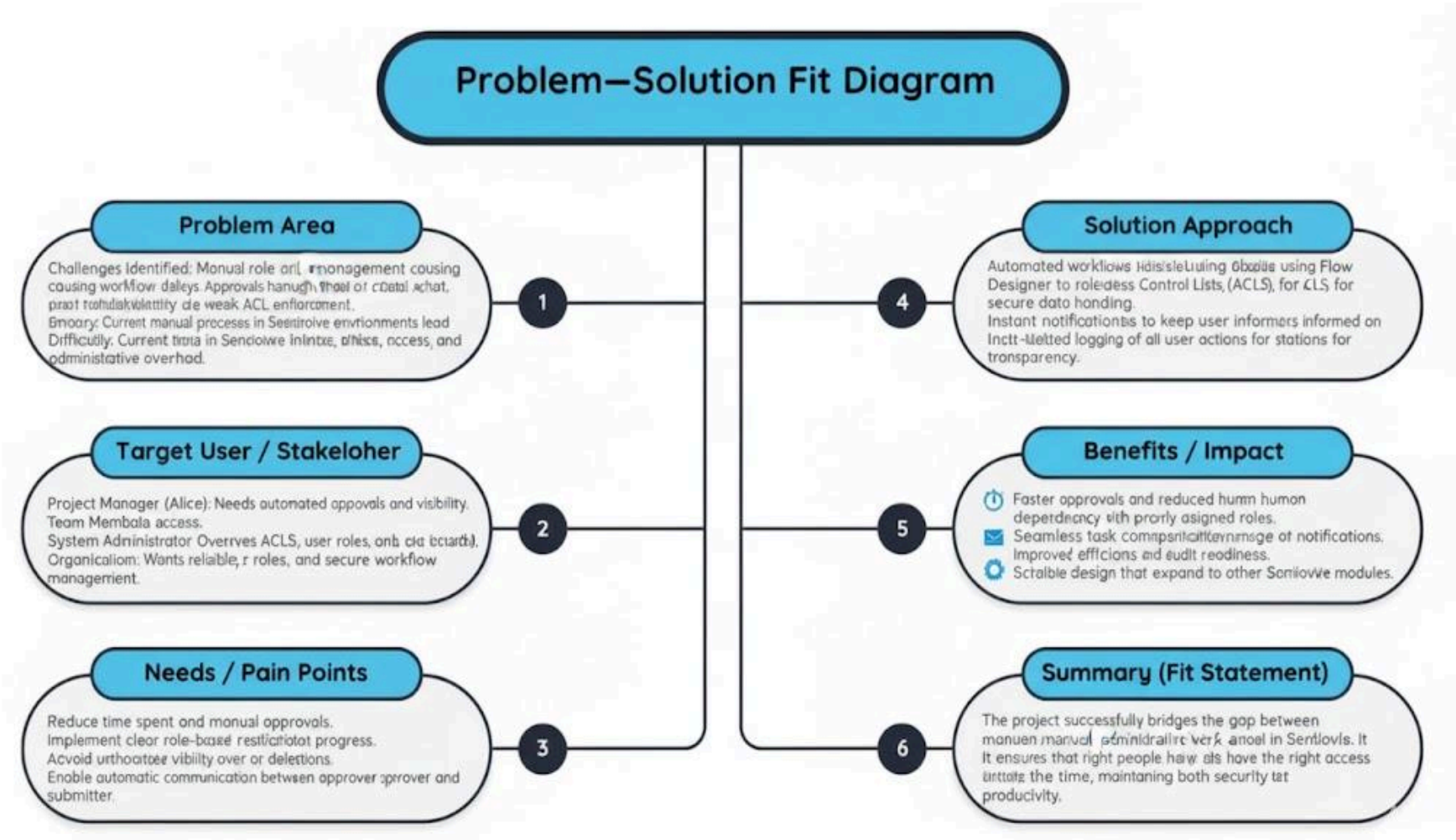
Purpose :

In large organizations, managing users, groups, and roles manually often leads to **inconsistent permissions**, **security loopholes**, and **workflow inefficiencies**. Without a centralized and automated access control mechanism, administrators face challenges in:

- Assigning the right roles to users,
- Tracking permission changes,
- Maintaining compliance and audit trails, and
- Ensuring workflow consistency across multiple systems.

This results in wasted time, poor security posture, and operational delays.

Template :



References :

1. <https://www.ideahackers.network/problem-solution-fit-canvas/>
2. <https://medium.com/@epicantus/problem-solution-fit-canvas-aa3dd59cb4fe>
3. ServiceNow Documentation – Access Control and Flow Designer.
4. OpenAI (2025). AI-generated content for project “Optimizing User, Group, and Role Management with Access Control and Workflows.”

The project “Optimizing User, Group, and Role Management with Access Control and Workflows” bridges the gap between security and usability. By integrating automation, rule-based access, and workflow intelligence, it transforms traditional user management into a secure, efficient, and transparent system that meets modern enterprise needs.