Project Design Phase: Problem - Solution Template Fit

Field	Detail
Date	**02 November 2025**
Team ID	**NM2025TMID00414**
Project Name	**Optimizing User Group and Role Management with Assess, Control, and Workflow**
Problem Name	Inconsistent and inefficient User Group and Role Management leading to compliance risks and operational bottlenecks.
Maximum Marks	**2 marks**

Problem - Solution Fit Template

The Problem-Solution Fit confirms that the proposed solution directly addresses the customer's high-priority pains. It validates the approach by ensuring the solution is robust, adoptable, and provides measurable business value. The goal is to move from a generic idea to a **validated solution** that solves the **exact problem** of **access sprawl, compliance risk, and manual oversight**.

Purpose

- **Solve complex problems in a way that fits the state of your customers.**
  - Implement a **centralized Role-Based Access Control (RBAC)** model to consolidate and simplify permissions across systems, moving away from fragmented, individual user assignments.
- **Succeed faster and increase your solution adoption by tapping into existing mediums and ways of doing things.**
  - Integrate the new access management workflow with **existing HR and Identity Management (IDM) systems** to automate onboarding and offboarding, ensuring a smooth transition.
- **Sharpen your communication and marketing strategy with the right triggers and messaging.**
  - Emphasize the value proposition of **"Audit-Ready Access"** and **"Principle of Least Privilege Enforcement"** to resonate with security and compliance officers.
- **Increase the average purchase value or create an offering for an adjacent group.**
  - Offer advanced features like **risk-based access control (RBAC)** modeling and automated segregation of duties (SoD) checks for an upsell to the Governance, Risk, and Compliance (GRC) team.
- **Build lasting trust by solving frequent annoyances, or urgent or costly problems.**
  - Eliminate the constant, time-consuming burden of **manual access reviews** and reduce the financial risk associated with **audit penalties** and **data breaches**.

Template: Optimizing User Group and Role Management

Problem Statement (The Pain)	Solution Components (The Gain)
Fragmented Permissions & Role Sprawl	**Standardized RBAC/Group Hierarchy**
Inefficient Manual Access Reviews	**Automated Periodic Access Assessment**
Difficulty Enforcing Least Privilege	**Policy-Driven Access Control Workflows**
Lack of Audit Trail and Visibility	**Comprehensive Logging and Reporting**
Inconsistent Access Request Process	**Self-Service Role Request and Approval**

Project Brief

The project **"Optimizing User Group and Role Management with Assess, Control, and Workflow"** will deliver a transformative approach to Identity Governance. It addresses the critical business risks associated with over-privileged accounts and manual governance processes. By implementing an integrated framework of **Assessment (periodic reviews), Control (RBAC and policy enforcement), and Workflow (automated provisioning and approval)**, the solution ensures user access is always appropriate, compliant, and easy to manage, resulting in enhanced security, reduced operational cost, and a clear path to regulatory compliance.
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