Project Design Phase Problem – Solution Fit Template

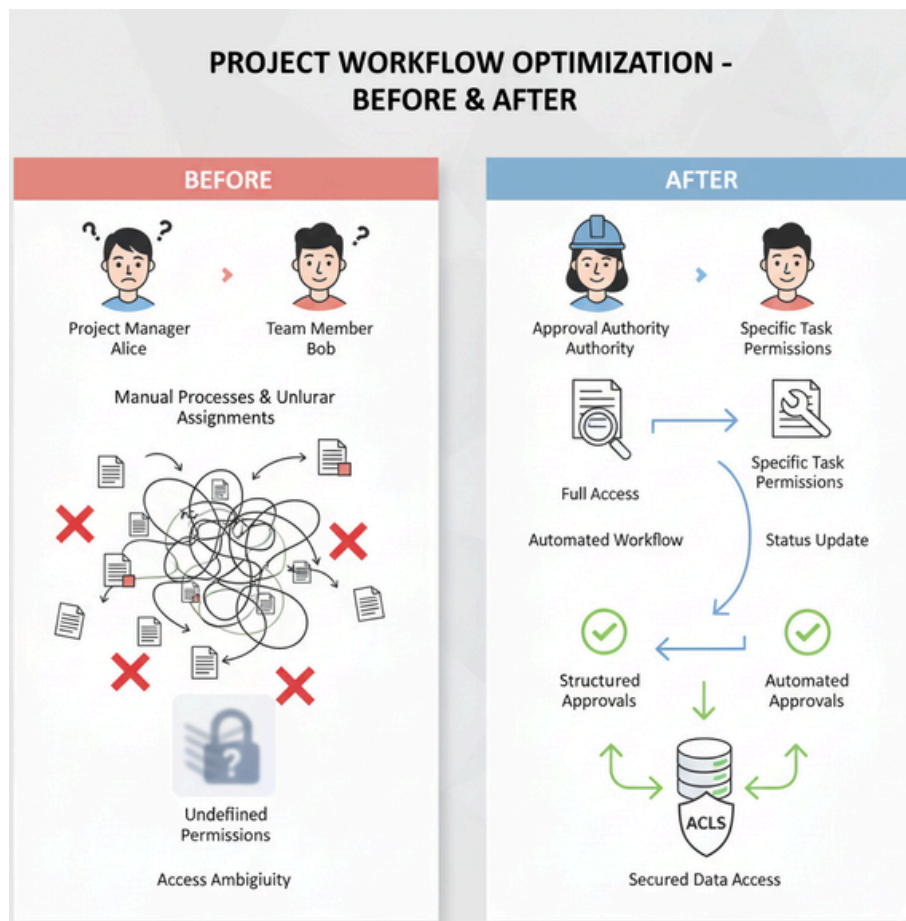| Date	01 November 2025
Team ID	NM2025TMID01639
Project Name	Optimizing User, Group and Role Management with Access Control and Workflows
Maximum Marks	2 Marks

Problem – Solution Fit Template:

In a small project management team consisting of a Project Manager (Alice) and a Team Member (Bob), there is a critical need for structured user management and clear accountability. The current system lacks defined roles, proper access controls, and automated workflows, leading to confusion in task assignments, security vulnerabilities, and inefficient project tracking. The proposed solution implements comprehensive user, group, and role management with Access Control Lists and Flow Designer workflows, ensuring each team member operates within clearly defined permissions while automating task assignments and approvals.

By solving these operational challenges, the team achieves:

- Clear role definitions with specific responsibilities for Project Manager and Team Member
- Enhanced security through field-level access controls and role-based permissions
- Automated workflow efficiency with streamlined task assignments and approval processes
- Improved project visibility with structured progress tracking and accountability

Ultimately, the solution adapts to the actual workflow of small project teams—providing necessary structure without complexity, removing operational friction, and supporting collaborative success through proper access controls and automated processes.

Template:

Solve user management and access control problems in a way that fits small project team workflows. Increase operational efficiency by implementing structured role-based systems and automated approval processes that align with existing team behaviors and project management needs.