# Ideation Phase
# Brainstorm & Idea Prioritization
# Template

| Date | 2 NOVEMBER 2025 |
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| Team ID | NM2025TMID05988 |
| Project Name | Optimizing User, Group, and Role Management with Access Control and Workflows |
| Maximum Marks | 4 |

**Optimizing User, Group, and Role Management with Access Control and Workflows:**

In a project management team consisting of a Project Manager (Alice) and a Team Member (Bob), the need to optimize user, group, and role management with access control and workflows is essential to ensure efficiency and accountability. The current system lacks clear role definitions, proper access control, and a structured workflow, leading to confusion in task assignments, progress tracking, and collaboration.

To address these challenges, the team discussed implementing role-based access control (RBAC) to define permissions and responsibilities, automating workflows for task assignment and monitoring, and integrating user and group management tools for streamlined role updates. Additionally, introducing system notifications, dashboards, and audit logs can enhance transparency and accountability. By establishing a structured access hierarchy—Admin, Project Manager, and Team Members—and periodically reviewing permissions, the team can ensure secure, efficient, and well-organized project management processes.

**Step-1: Team Gathering, Collaboration and Select the Problem Statement**

Project Manager Alice and Team Member Bob gathered as a team to collaborate and identify key issues affecting their project workflow. Through discussions, they selected the problem statement — "Optimizing User, Group, and Role Management with Access Control and Workflows" — to address unclear roles, lack of access control, and unstructured processes. This step helped the team align their goals and set the foundation for developing efficient and secure project management practices.

**Step-2: Brainstorm, Idea Listing and Grouping**

♦ **Brainstorm:**

Project Manager Alice and Team Member Bob shared their ideas freely to explore solutions for improving user, group, and role management. The session encouraged creativity, open discussion, and active participation to identify challenges in access control and workflow structure.

♦ **Idea Listing:**

All ideas were documented carefully to ensure no input was missed. Suggestions focused on defining clear user roles, implementing role-based access control (RBAC), automating workflows, and improving task tracking.

♦ **Grouping:**

Similar ideas were organized into categories such as Access Control, Workflow Automation, and Accountability. This helped identify key priorities and streamline the decision-making process.

♦ **Action Planning:**

The selected ideas were developed into clear action steps with assigned responsibilities and timelines. Alice took charge of defining roles and permissions, while Bob focused on workflow automation and testing the new system setup.

**Step-3: Idea Prioritization:**

Idea prioritization helps break down complex workflow challenges into clear, actionable components. In this project, the main goal is to optimize user, group, and role management to enhance access control and ensure accountability across all project activities. This approach ensures that security, transparency, and efficiency are maintained during critical operations. By prioritizing ideas, the team can focus first on implementing Role-Based Access Control (RBAC) for clear permission boundaries, followed by workflow automation to streamline task assignments and monitoring. It also highlights the importance of creating dashboards and audit logs for visibility and ongoing evaluation. Clear prioritization allows Alice and Bob to allocate resources effectively, strengthen communication, and achieve project clarity, leading to a smoother and more secure execution process.