

Ideation phase

Brainstorm & Idea Prioritization Template

Date	31 October 2025
Team ID	26F183223D3726BBDE54BD8DC6085AFC
Project Name	Optimize User, Group, and Role Management with Access Control and Workflow
Maximum Marks	2 Marks

Introduction:

In every organization, user and group management plays a vital role in maintaining system security and efficiency. Improper access control can lead to unauthorized actions, data loss, or workflow delays. Our project focuses on optimizing user, group, and role management through an improved access control system integrated with workflow automation. This helps ensure that only authorized users can perform specific tasks while maintaining smooth operations and accountability.

Step 1: Team Gathering, Collaboration, and Problem Statement Selection

- Our team first came together to discuss potential project ideas that align with real-time organizational needs.
- Through collaborative sessions, we identified several challenges in system management, such as unstructured user permissions, lack of workflow approvals, and difficulty tracking user actions. After careful discussion, we selected the problem statement **“Optimize User, Group, and Management with Access Control and Workflow”** as it addresses these core issues and provides a valuable real-world solution.

Step 2: Brainstorming, Idea Listing, and Grouping

Next, the team conducted a brainstorming session to collect as many ideas as possible. Each member contributed thoughts on improving access control, workflow efficiency, and security.

Some of the ideas listed were:

- Add approval workflow for user access changes.
- Enable reassignment of tasks or templates.
- Maintain detailed audit logs of all user actions.
- Prevent deletion of users assigned to active tasks.

- Implement role-based access control (RBAC).

We then grouped similar ideas under three main categories:

- **Access Control Improvements**
- **Workflow and Automation Enhancements**
- **Security and Audit Management**

Step 3: Idea Prioritization

After evaluating each idea based on feasibility, cost, impact, and implementation time, the following were prioritized for development:

- **Prevent user deletion if assigned to an active workflow** – Ensures system stability.
- **Add workflow approval process** – Improves accountability and prevents unauthorized actions.
- **Enable reassignment of workflow templates** – Maintains operational continuity.
- **Maintain audit logs for user actions** – Enhances transparency and traceability.