

Ideation Phase Brainstorm & Idea Prioritization Template

Date	02 NOVEMBER 2025
Team ID	NM2025TMID06605
Project Name	Optimizing User, Group, and Role Management with Access Control and Workflows
Maximum Marks	4 Marks

Prevent user deletion if assigned to an incident Template :

This project focuses on designing and implementing an optimized system for User, Group, and Role Management with integrated Access Control and Automated Workflows.

The goal is to streamline administrative operations, ensure secure data access, and enable dynamic permission handling within an enterprise environment.

The system introduces structured workflows for onboarding users, assigning them to appropriate groups and roles, and managing access levels automatically through defined policies and workflows. By leveraging access control mechanisms and workflow automation, the project ensures that user actions and permissions align with organizational security policies.

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



In the initial phase, the team collaborated to identify key challenges faced in user and role management. The primary problem identified was **manual access assignment and lack of workflow-based automation**, which often led to inconsistencies, security gaps, and administrative delays.

Step-2: Brainstorm, Idea Listing and Grouping:

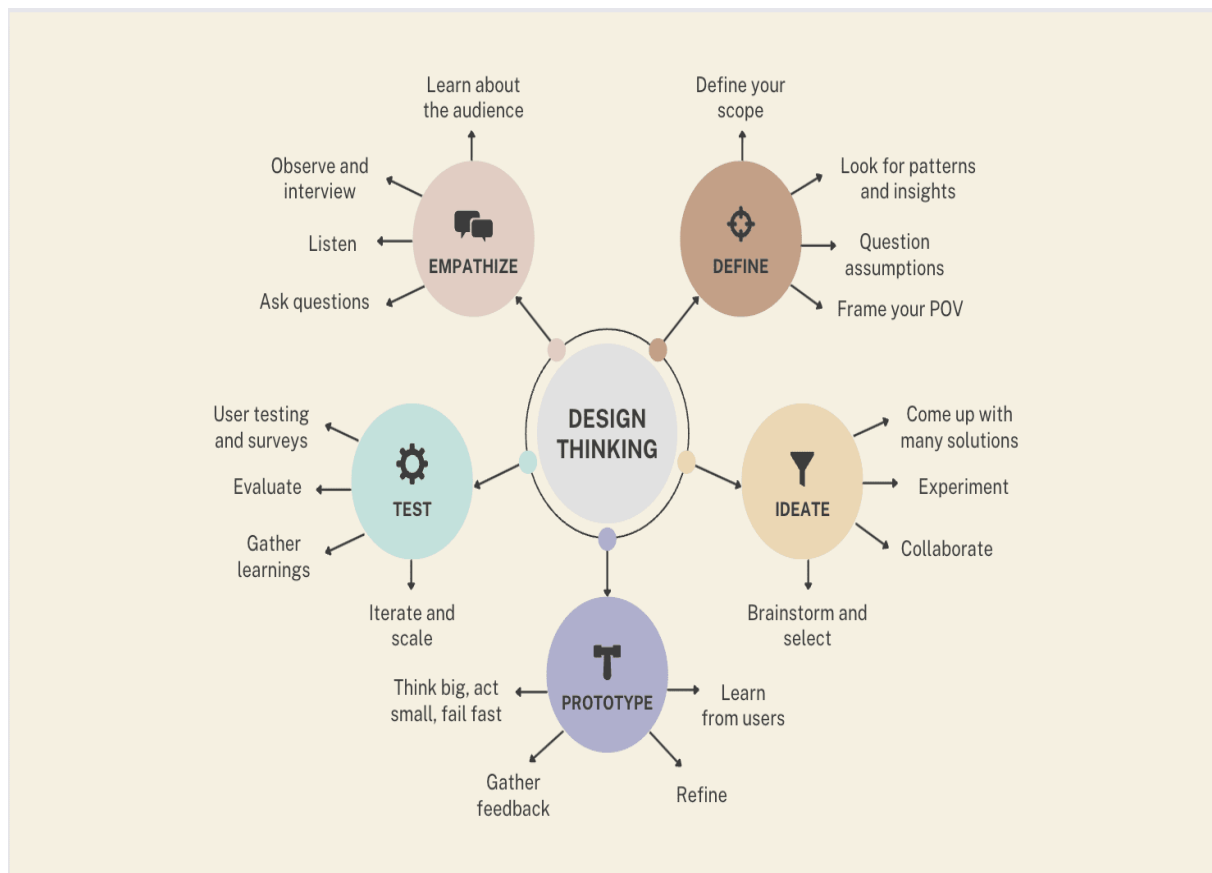


Fig2: Image that describes the work done by teammates.

■ ■ Brainstorm:

Team members share ideas freely to explore solutions without judgment, encouraging creativity and participation.

■ ■ Idea Listing:

All ideas from the session are written down to capture every suggestion and ensure no input is overlooked.

■ Grouping:

Similar ideas are organized into categories to identify patterns, highlight priorities, and simplify decision-making.

■ Action Planning:

Chosen ideas are turned into clear steps with assigned responsibilities and timelines.

Step-3: Idea Prioritization:

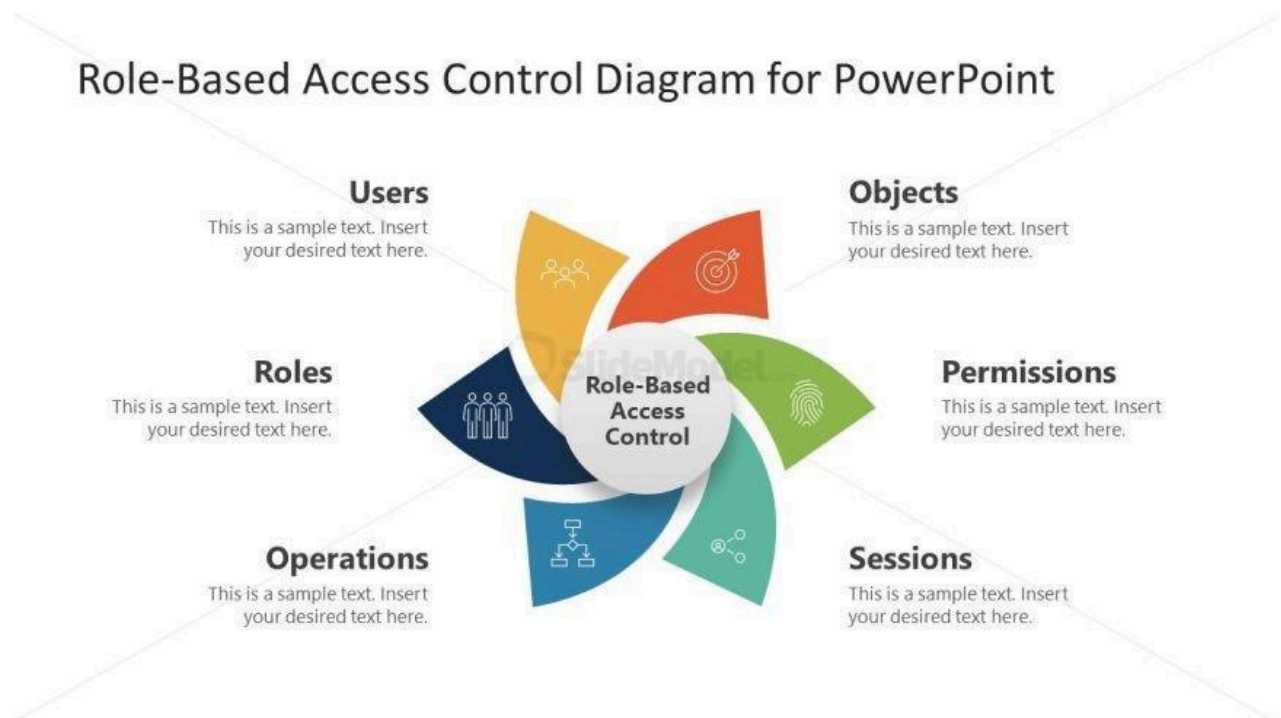


Fig3: Image of steps to prevent user deletion.

Idea Prioritization:

Idea prioritization helped focus the project on the most impactful improvements. The primary goal chosen was to build a **workflow-based access control system** that automatically assigns, monitors, and updates user permissions based on roles and group hierarchies.

This method ensures:

- **Data Security:** Only authorized users can access specific resources.
- **Operational Efficiency:** Reduces manual administrative work.
- **Transparency:** Provides audit trails for every action performed.
- **Scalability:** Supports organization-wide role management policies.