

# Ideation Phase, Brainstorm, and Idea Presentation Template

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Team ID: NM2025TMID00414

Project Name: Optimizing User, Group, and Role Management

Maximum Marks: 100

## Optimizing User Group and Role Management with Assess, Control, and Overflow

Effective management of users, groups, and roles is essential for maintaining structured access control in any system. By applying the principles of Assess, Control, and Overflow, organizations can ensure smooth workflow and secure operations. Assessment helps identify existing user needs, while Control involves structuring permissions and roles efficiently. Overflow ensures handling exceptional cases and special access requirements. This system enables proper tracking, reduces security risks, and improves collaboration. It also simplifies onboarding, minimizes errors, and supports scalability as the system grows. By implementing these principles, organizations can maintain transparency and uniformity in user management. Ultimately, this approach enhances operational stability and ensures long-term system reliability.

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

In this step, the entire team collaborates to identify the key challenges in user, group, and role management. Members share their experiences, discuss issues, and evaluate existing workflows. Examples of problem statements include: difficulty assigning permissions, unclear role definitions, redundant user groups, inconsistent access levels, manual approval processes, and lack of centralized control. Teams analyze each problem and choose the most impactful one to focus on. This ensures a strong foundation for the next stages of ideation.

## Step 2: Brainstorm, Idea Listing, and Grouping

### ***Brainstorm***

In this stage, the team freely generates ideas without judging or filtering. Every thought is welcomed to encourage creativity.

### ***Idea Listing***

All generated ideas are documented clearly, ensuring that even the smallest contributions are captured.

### ***Grouping***

Similar ideas are gathered into clusters to identify patterns, themes, or related solutions.

### ***Action Planning***

A quick plan is formed to decide which idea groups should move forward for deeper evaluation.

### **Step 3: Idea Prioritization**

Idea prioritization helps determine which solutions offer the highest value with the lowest effort. The team evaluates ideas based on feasibility, impact, resources, and alignment with the main goal. This process ensures focus on ideas that solve major issues efficiently. It also avoids unnecessary complexity and guides the project toward meaningful progress. Prioritized ideas form the basis for future development and implementation steps.