

Proposed Solution

Date	01 Nov. 25
Team Id	NM2025TMID05247
Project Name	Optimizing User, Group, and Role Management with Access Control and Workflows
Maximum Marks	4 Marks

Step-by-Step Implementation:

1. Create Users:

- Alice (Project Manager)
- Bob (Team Member)

2. Create Groups:

- Project Group → includes both users.

3. Create Roles:

- project_manager → Full access to all project tables.
- project_member → Limited access to status/comments only.

4. Assign Table Access:

- *Project Table* → project_manager role.

- *Task Table2* → project_manager & project_member roles.

5. Access Control (ACL):

- Only authorized users can update their assigned fields.

6. Flow Designer:

- Trigger: When task status = “In Progress.”
- Action 1: Update status → “Completed.”
- Action 2: Send approval to Alice.