

IDEATION PHASE

Empathise & Discover

Date	1 November 2025
Team ID	NM2025TMID07110
Project Name	Optimising user, group, and role management with access control and workflows
Maximum Marks	4 marks

Empathy Map Canvas:

Automated role assignment and access reviews eliminate “access sprawl” and orphan accounts, which are common sources of data breaches. Furthermore, structured workflows for access requests and periodic Access Certification campaigns provide an undeniable audit trail, making it simple to demonstrate compliance with regulations like GDPR, HIPAA, or SOX to external auditors. This holistic approach transforms identity management from a necessary administrative burden into a strategic asset for security and business continuity.

RBAC is the core access model, which simplifies management by assigning permissions to roles (e.g., “HR Manager,” “Finance Analyst”) rather than to individual users. When a user is assigned a role, they instantly inherit all the necessary permissions. This is far more scalable and easier to audit than managing individual permissions. Optimized User and Group Management centralizes all identity data, often integrating with an existing source like an HR Information System (HRIS) or Active Directory.

