

Title Slide

- Optimizing User, Group, and Role Management with Access Control and Workflows
- Presented by: [Your Name]

Introduction

- • Importance of access control in IT systems
- • Manual management is inefficient
- • Role-Based Access Control (RBAC) improves efficiency
- • Workflows automate tasks

Problem Statement

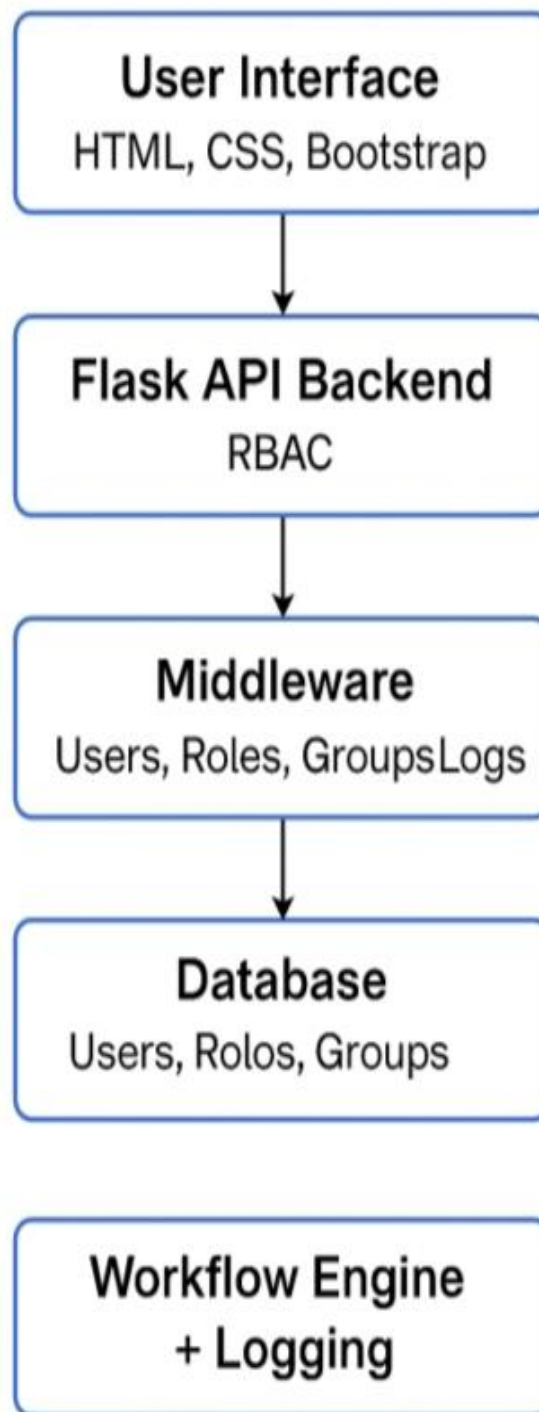
- • No centralized role management
- • Delays in manual role assignments
- • Security risks due to inconsistent permissions

Objectives

- • Automate user role assignments
- • Implement secure RBAC
- • Improve system transparency
- • Enable better monitoring

System Architecture

- User → Workflow Engine → Access Control



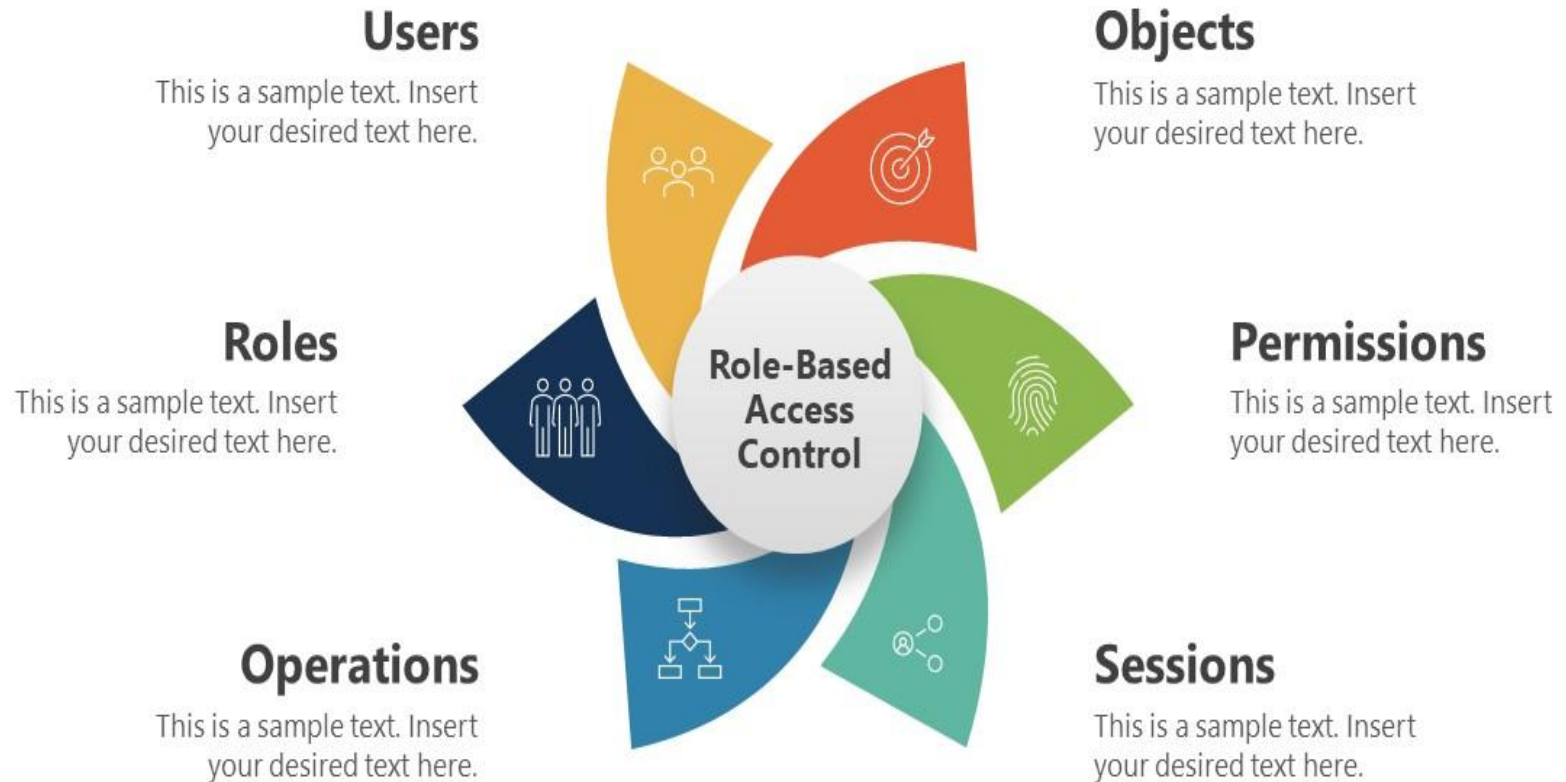
Modules

- • User Module
- • Group Module
- • Role Management
- • Workflow Automation
- • Audit System

Access Control Techniques

- • Role-Based Access Control (RBAC)
- • Least Privilege Principle
- • Separation of Duties

Role-Based Access Control Diagram for PowerPoint



Workflow Automation

- • Event-driven processes
- • Multi-level approvals
- • Logging and notifications

User access management features and capabilities

Mentioned slide showcases the functions performed by user access management tools to ensure and enhance business security and activities. It includes automation, reporting and security.



- › Automates daily operations like creating, modifying etc. (process enhancement to meet business demands)
- › Automated reports (faster and precise actions)
- › Add text here



- › Provides automatically generated reports and analysis (access to information)
- › Unravels compliance and incident response
- › Add text here



- › Allows users to detect security breach
- › Provides a detailed view of user activities
- › Add text here



- › Add text here
- › Add text here



Technology Stack

- • Backend: Python/Node.js
- • Frontend: React/Angular
- • DB: MySQL/PostgreSQL
- • Workflow Engine: Camunda

Results

- • 60% reduction in manual effort
- • Improved security and auditing
- • Faster role assignment process

Conclusion

- • Improved access control system
- • Automated user/group/role management
- • Better scalability and security

Thank You