A. Use Case Document – Engineering Knowledge Platform

Use Case Name

Engineering Knowledge Platform

Use Case Description

An AI-powered centralized knowledge platform designed to accelerate onboarding and enable engineering teams (QA, Developers, Ops) with contextual, role-based access to organizational knowledge.

Problem Statement

New joiners require 2–3 hours per day of senior guidance for multiple days. Knowledge is scattered across documents, repositories, and informal conversations. This leads to inconsistent onboarding and dependency on key individuals.

Why This Use Case

Engineering teams frequently face repeated knowledge transfer efforts. By centralizing documentation and enabling AI-based retrieval, onboarding becomes structured, consistent, and scalable.

Expected Benefits

- 40–60% reduction in senior onboarding effort. - Faster time-to-productivity. - Standardized knowledge sharing. - Reduced early-stage errors. - Long-term institutional knowledge retention.