

Use Case: Documentation Search

Date: October 12

Owner: Product Team

Problem:

- 500+ documents scattered
- employees spend 2+ hours searching
- critical info often lost

Solution: RAG system

- index all documents
- user asks in plain English
- system retrieves + generates answer
- reduce search time to 5 minutes

Implementation:

Phase 1: Word sources

Phase 2: Build RAG pipeline

Phase 3: Deploy search UI

Phase 4: Real-time indexing

ROI:

- 10 employees \times 2h/day \cdot 280 days = 5600h/year
- At \$100/h
- Cost ~\$50K

Timeline: 3 months MVP

Next: Stakeholder review Oct 25