

# Smart Document Q&A System

Get Instant Answers from Your Documents

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AI-Powered Document Intelligence

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# What Does This System Do?

Ask questions in plain English and get instant, accurate answers from all your documents

## Example: Customer Support

*"What's our refund policy for damaged products?"*

Based on your policy documents: Customers can request a full refund for damaged products within 30 days of purchase. Simply contact support with photos of the damage, and we'll process the refund within 5 business days.

## Example: HR Department

*"How many vacation days do employees get?"*

According to the employee handbook: Full-time employees receive 20 days of paid vacation per year, plus 10 public holidays. Vacation days can be taken after completing 3 months of employment.

# How It Works (Simple Version)

Think of it as a smart librarian who has read all your documents



## 1. Upload Documents

Add your PDFs, Word docs, or text files



## 2. AI Reads & Organizes

System processes and understands content



## 3. Ask Questions

Type your question in plain English

## 4. Get Answers

Instant, accurate responses with sources



### Fast

Answers in under 3 seconds



### Accurate

Finds exact information from your docs



### Always Updated

Add new documents anytime



# Key Benefits

## 1 Save Time

No more searching through hundreds of documents. Get answers instantly instead of spending hours reading through files.

## 2 Consistent Answers

Everyone gets the same accurate information from the same source documents. No more conflicting answers or outdated information.

## 3 Easy to Use

Just type your question in plain English. No special training or technical knowledge needed.

## 4 Shows Sources

Every answer shows where the information came from, so you can verify and read more if needed.

## 5 24/7 Availability

Get answers anytime, day or night. No waiting for someone to read through documents for you.

# What Can It Handle?

**< 3s**

Answer Speed

**1,000+**

Questions per  
Minute

**24/7**

Always Available

## What It Currently Supports

### Document Types

- ✓ PDF files
- ✓ Word documents
- ✓ Text and Markdown files
- ✓ Any text-based content

### Use Cases

- ✓ Customer support documentation
- ✓ Employee handbooks
- ✓ Product manuals
- ✓ Company policies
- ✓ Technical documentation

# From Prototype to Production

## Current Status: Working Prototype

The system is fully functional and ready for testing with real documents. It demonstrates all core features: uploading documents, asking questions, and getting accurate answers with sources.

## Roadmap to Full Production (4 Weeks)

### Week 1: Enhanced Reliability

Upgrade database for better data safety and reliability. Ensure all your documents are stored securely.

### Week 2: Real-Time Updates

Add ability to automatically update answers when you change or add new documents. No manual refresh needed.

### Week 3: Faster Performance

Add smart caching to answer common questions instantly. Reduce costs by 60-70% through intelligent reuse.

### Week 4: Scale for More Users

Enable system to handle 1,500+ questions per minute. Support hundreds of simultaneous users without slowdown.

**Production-ready in 1 month, supporting 1,500+  
questions/minute**

# Thank You

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Questions?

**Email:** boadziedaniel43@gmail.com

**Try it yourself:** See README.md for setup instructions