# LLMs For Good: LLooMi

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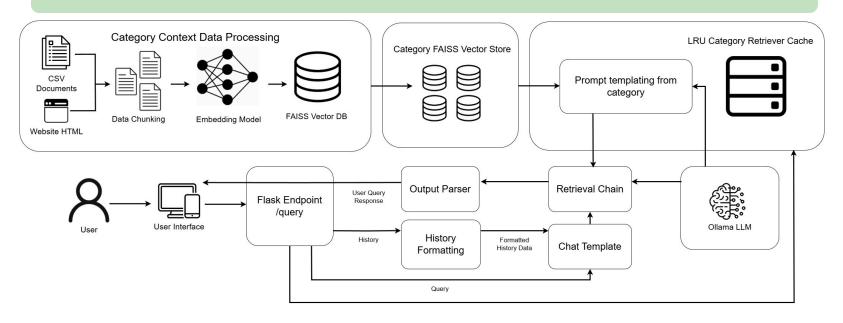


## Introduction

**Motivation:** To assist people in stressful situations in finding information about the resources available to them **Solution:** LLooMi, an interactive and intent-aware resource provider that understands users' needs and provides timely responses



## **Design Approach**



## Context

A helpful, empathetic resource that provides relevant information to individuals in times of stress and uncertainty.

## **Engineering Standards**

- ISO/IEC 27000: Information Security Mgmt
- ISO/IEC 42001: Artificial Intelligence Mgmt System
- IEEE Std 730-2014: Standard for Software Quality

#### Assurance Processes

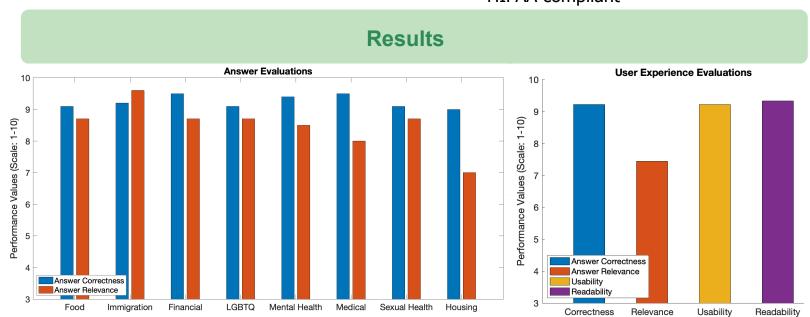
## **Design Requirements**

#### **Functional:**

- Web-based LLM hosted on ISU servers
- Quick (<15s) responses
- Provide accurate answers
- No storage of user data
- Users can enter textual queries
- Chat history used as context for LLM

### Nonfunctional:

- Accessible design choices
- Intent-aware responses
- Easy-to-use interface
- HIPAA compliant



#### References

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[3] "Answer Correctness | Ragas," Ragas.io, 2023. Available: https://docs.ragas.io/en/v0.1.21/concepts/metrics/answer\_correctness.html. [Accessed: Dec. 10, 2024]

