



# SysBuddy – AI Chatbot for System Management

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AI Champions Bootcamp 2025 Run 2  
About Us

# Project Scope & Objectives

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- Develop a POC prototype for a web-based RAG chatbot that is capable of:
  - a) Uploading project-specific documents; and
  - b) Indexing information from URLs
- RAG chatbot acts as a “second system manager” which holds relevant information and knowledge about the project
- RAG chatbot is built with Python, Streamlit, and LangChain

# Data Sources

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- **Documents**
  - a) Envisioned end state will be to sync project documents from team folders (i.e. Sharepoint)
  - b) E.g. contract documents, monthly reports, payment minutes
- **URL**
  - a) Envisioned end state will be to be able to crawl through and index both internet and intranet URL sites

Note: Due to the sensitive project documents, only mock data and documents are uploaded for the chatbot's knowledge base

# Features

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- **Current POC Features**
  - Simple password protect
  - Option to choose between OpenAI or Deepseek LLM
  - Ability to create a single knowledge base by uploading PDF documents and/or indexing URL links (using VectorRAG approach)
  - Respond to user chats and queries related to the project.
- **Future Roadmap**
  - Manage multiple knowledge bases
  - Sync from team folders (e.g. SharePoint) to enable automatic knowledge base updates
  - Advanced account management features
  - Add and compare GraphRAG approach