

# INSTALLATION

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<b>Project Name:</b>	Medical Document Querying Using Language Models and Vector Stores
<b>Team Member:</b>	Chris Mannina
<b>Course:</b>	CS467 Capstone, Oregon State University
<b>Date:</b>	August 16th, 2023

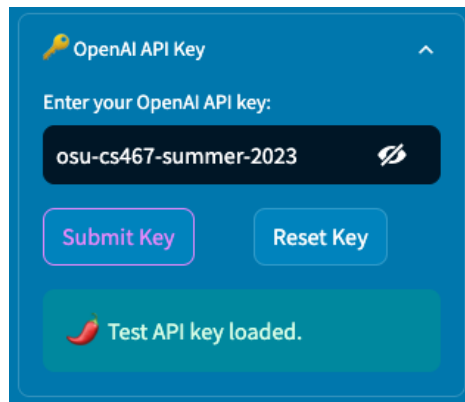
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## ACCESS

**Website:** <https://osu-cs467-capstone.streamlit.app/>

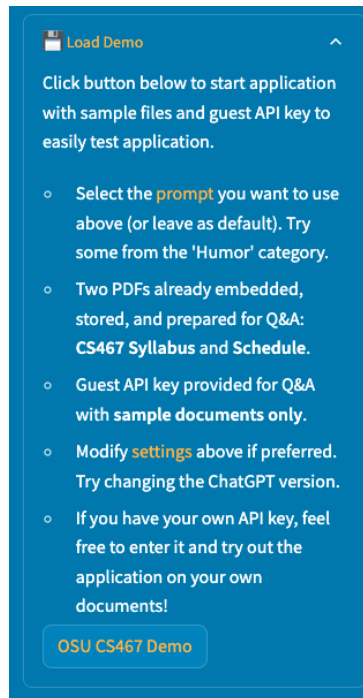
### Test Credentials:

OPTION 1 - Enter **osu-cs467-summer-2023** in the OpenAI API key field.

A screenshot of a web application interface for entering an OpenAI API key. The interface has a blue header with a yellow key icon and the text "OpenAI API Key". Below the header, it says "Enter your OpenAI API key:". There is a dark input field containing the text "osu-cs467-summer-2023" and a small icon of a key. Below the input field are two buttons: "Submit Key" and "Reset Key". At the bottom, there is a green box with a red chili pepper icon and the text "Test API key loaded.".

- This allows the user to test the application with full functionality. You can use this key and upload your own documents for Q&A.

OPTION 2 - Navigate to the sidebar and expand the **Load Demo** section. Click on the **OSU CS467 Demo** button.



- This loads a vector database from memory that already contains 2 processed documents: the CS467 syllabus and schedule.
  - This allows users to quickly demo the application without having to upload their own documents.
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*If you would like to run the code locally, instead of using the deployed website above, please follow the instructions below:*

- Navigate to <https://github.com/chrismannina/cs467-capstone>
- Clone the repository:
  - git clone <https://github.com/chrismannina/cs467-capstone.git>
- Navigate to the project directory:
  - cd cs467-capstone
- Set Up a Virtual Environment (Recommended):
  - To avoid conflicts with existing packages, it's recommended to set up a virtual environment. You can do this using venv or conda.
  - Using venv:
    - python -m venv myenv
    - source myenv/bin/activate # On Windows, use `myenv\Scripts\activate`
  - Using conda:
    - conda create --name myenv python=3.8
    - conda activate myenv
- Install the Required Packages:
  - pip install -r requirements.txt
- To launch the Streamlit app, run:
  - streamlit run app.py
- Use the Streamlit interface to upload documents and ask questions.