

CS

Computer Science Chatbot

Team members: Kennedy Martin, Israel Agoe-Sowah, Eric Simoni, Antony Fuentes | Faculty adviser: Caroline Budwell, Ph.D. | Sponsor: Virginia Commonwealth University |

Overview

Goal:

- Build a chatbot for the VCU Computer
 Science webpages
- The chatbot will answer FAQ's about the program for current or incoming undergraduate students.

Why:

- Accurate information
- Main source for program information
- Saves faculty resources

Chatbot

How

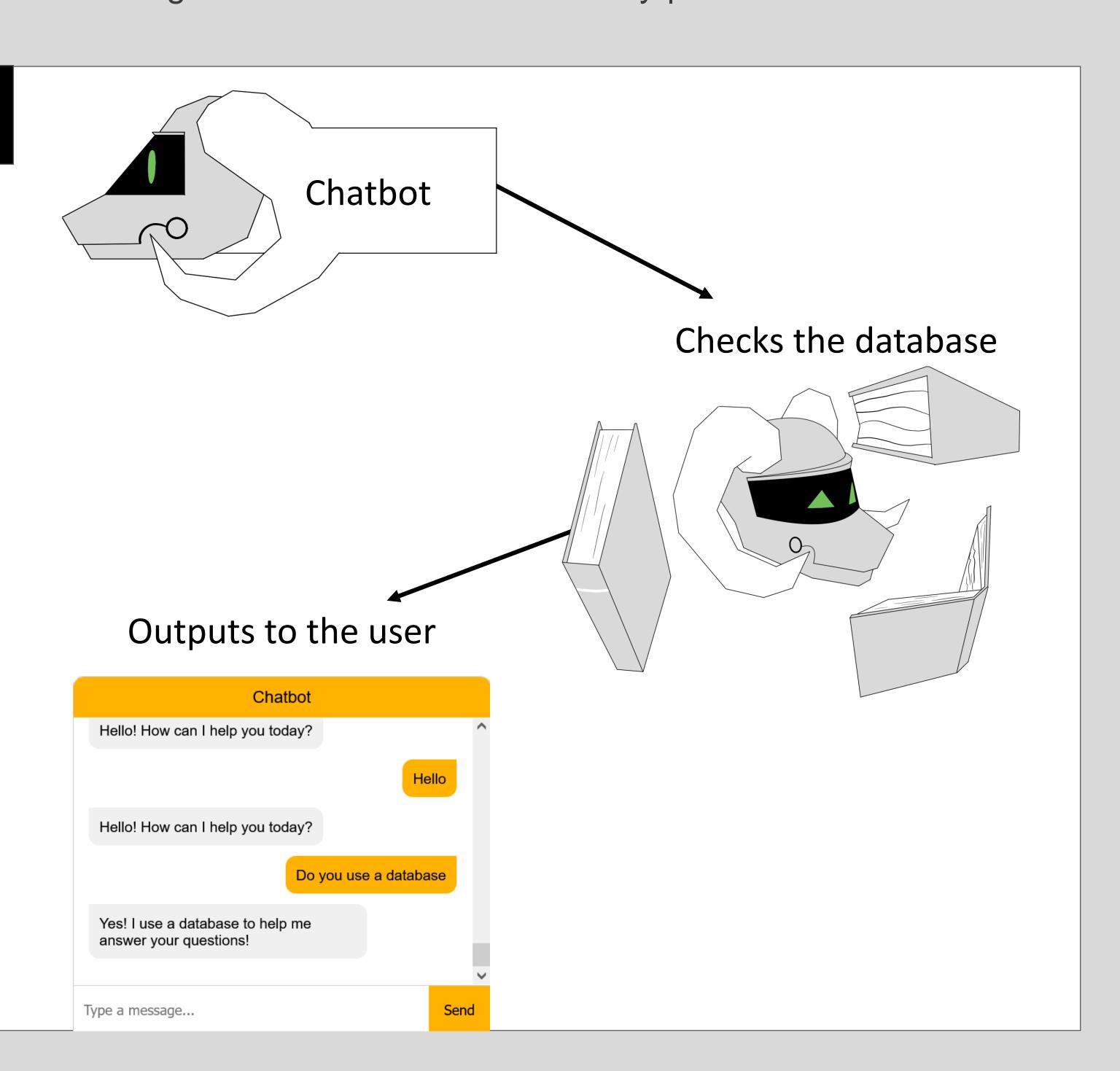
Build a Database:

Database columns: keywords, data, response, resource

Query the database using the keywords

Python Program:

- Communicate with the front end to retrieve the question
- Send the question to the NLP for cleaning and keyword retrieval
- Receive the keywords and use them to query the database
- Send the response back to the chatbot



What can you show me?

I'm here to assist in answering questions about the Comp-Sci degree program!

So you can help me getting started? I have no idea what classes I need.



Next Steps

- Continue building the database
- Testing
- Set up storage of database and program
- Implementation on site
- Determine access
- Determine maintenance

