Alpha Presentation
Self-Improving Assistant
The Capstone Experience
Team Vectorform
Matthew Lane
Chairin Paik
Zachary Lanzon
Matthew Landcaster

Department of Computer Science and Engineering
Michigan State University
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Project Overview

• Chatbot available in Microsoft Teams
• Initialized and tuned inside of Teams
• Generates responses from documents
  ▪ Question and Answer documents
  ▪ Product Manuals

• Various methods of self-improvement
  ▪ Active Learning
  ▪ User Feedback after questions
System Architecture
User Feedback Functionality

The regular rate of pay which is used to calculate an employee’s paid leave under FFCRA is the average of his or her regular rate over a period of up to six months prior to the date on which the employee takes leave.

Was this helpful?

I'm sorry this wasn't the optimal answer you were seeking. Please tell us what went wrong so we can do better. Thank you!
Administrator Commands

Configure the QnABot!

@ Administrator Commands:
- create [link] (new data knowledge base)
- add [link] (add a QnA pair)
- delete (remove data from knowledge base)

Bot command executed successfully!
Connect Bot to Human Agent
Active Learning Prompt
What’s left to do?

• Implement full Graph API permissions
  ▪ Give audio, visual, and private channel support from support staff to users.

• Handling of Customer Support queue
  ▪ Forms and logic to add new question-answer pairs directly from queue.

• Blob Storage for more flexible source uploads
  ▪ Directly dropping of files into Teams chat to initialize or update a bot.

• LUIS Sentiment analysis
  ▪ Add a further case under which human support is offered, triggered by negative sentiment.
Questions?