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

Chat

msucapstone-bot  9:28 PM
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?

Dismiss

msucapstone-bot  9:28 PM
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!

Dismiss

Type your questions here
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!
Human Agent Service
Active Learning
What’s left to do?

• Implement Text to Speech capability.
• Add more admin functionality to edit Knowledge base through the Bot.
  ▪ Edit existing questions, add new from scratch, etc.
• Use Azure Storage to regularly backup data.
Questions?