

MIPS Bot AMA (Ask Me Anything)

CS 21-316

Purpose:

- To mitigate the decreasing availability of mainframe resources and knowledge, this project aims to develop an interactive chatbot capable of providing the user with accurate answers utilizing various dictionaries, documentations, and crowd-sourcing supported by self-training machine learning.

Budget:

- \$750

Deliverables:

- Working prototype of chatbot assistant, within the given limitations of IBM Cloud lite version, that successfully demonstrates self-training machine learning and is technically structured to allow continuous development in its knowledge base through crowd sourcing via github logs

Implementation:

- Back-end AI system via IBM Watson Assistant
- Front-end interactive website for chat interface(base reference: <https://www.gotmips.com/> with intention to improve the aesthetic presentation to better engage and interest the user)