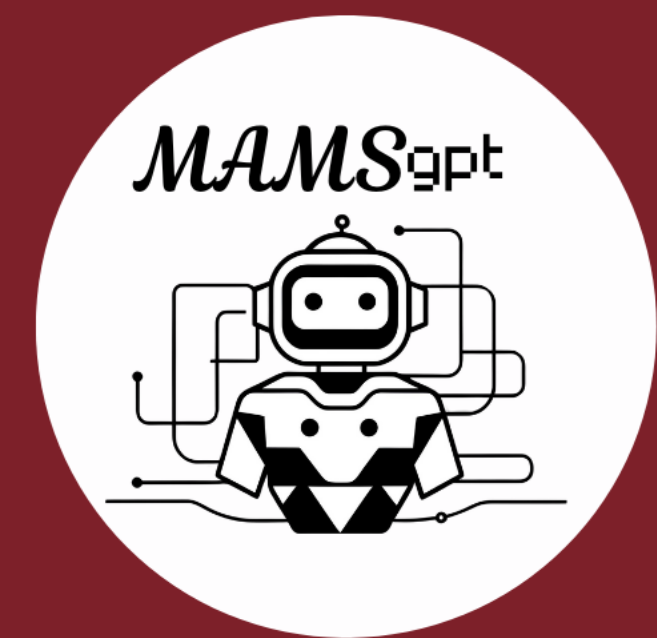




MAMSGPT

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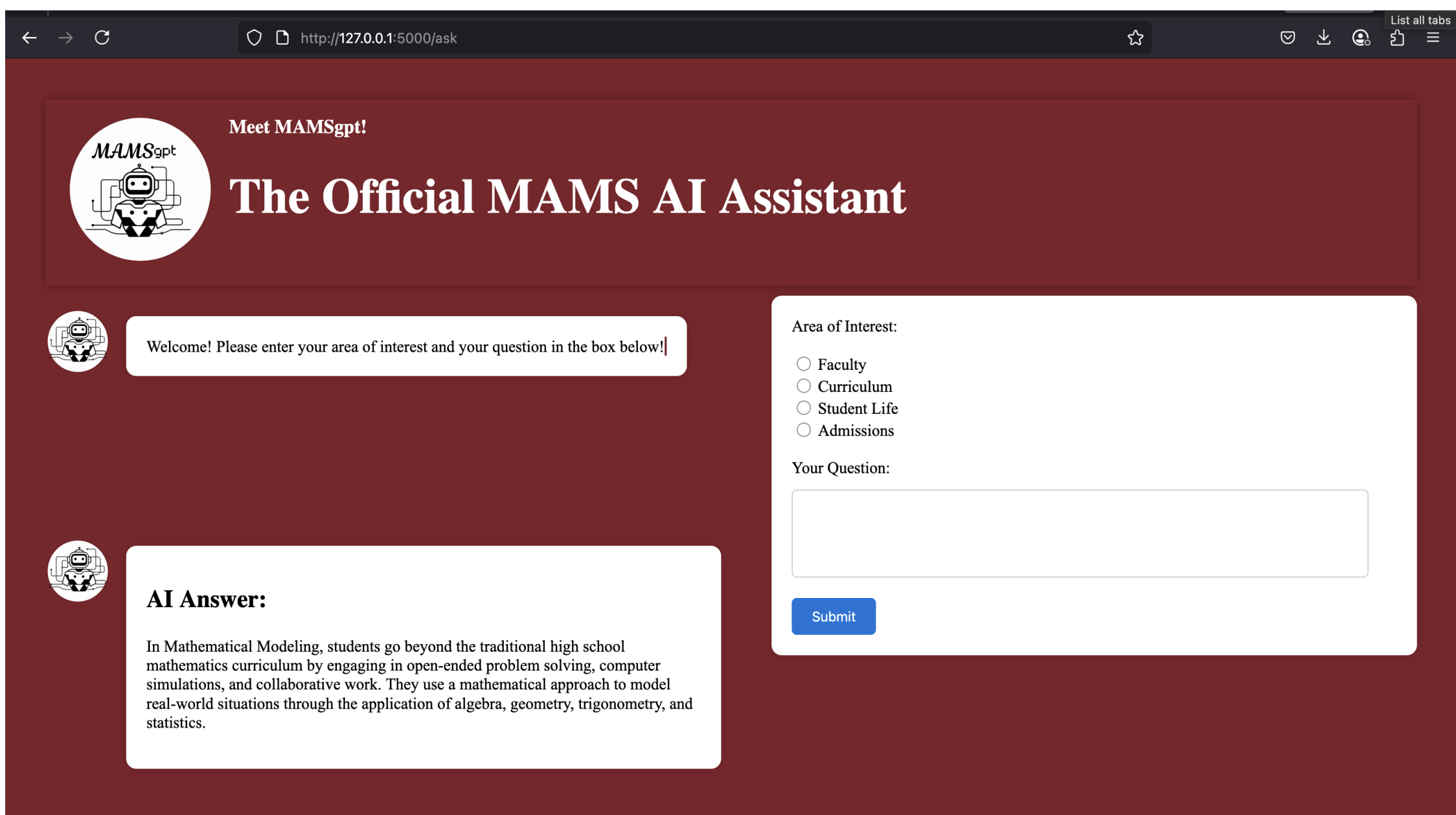
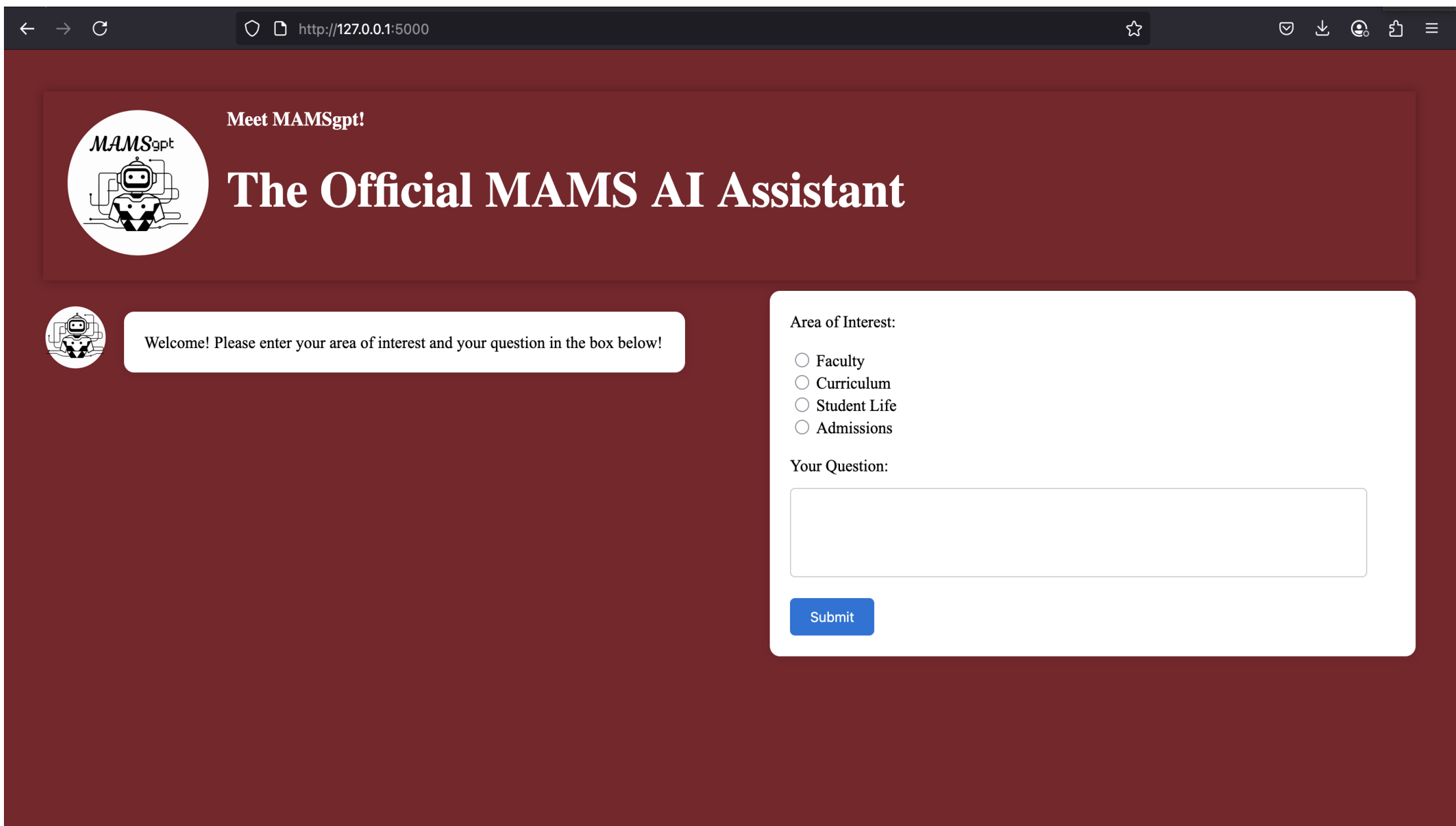


Target Audience

Our target audience is prospective Mass Academy **students and families**. Currently, the Mass Academy website has a limited FAQ section that does not answer most questions.

Current Competitors

Currently, there are a few websites that allow businesses to upload information about their businesses and allow users to ask the bot questions; however, these are very costly and are not targeted at educational institutions.



Launch Screen. Upon launching the application, the user will be greeted by MAMSGPT, which can answer any questions somebody might have

After selecting their question category and entering their question, the website will quickly (<2 seconds) return an answer. Additionally, if it does not know the answer based on the provided data, it will respond with "I don't know".

Future Additions

In the future, we aim to deploy this chatbot publicly so that it can be accessible to anyone who visits the Mass Academy website. This chatbot could also be integrated for other institutions.

Motivations

As AI gets more intelligent, many organizations are starting to use AI to make their clients' lives easier. We wanted to take the same approach to the MAMS website. This experience also gave us a good understanding about how to code with AI which can be applied to future projects.

FAISS Index Similarity Search

The heart of the model lies within the FAISS search, which works by taking the input and scanning through the available chunks, often matching with a chunk that contains many of the same words and phrases.

MVP

- (1) The chatbot will answer user input if it falls into one of the three question categories (curriculum-based questions, application process questions, and other relevant questions).
- (2) Give the most up-to-date answer based on documents on the website and other documents downloaded into the model

