

Team Name: sdmay24-09

Team Members:

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Report Period: Aug 28-Sept 17

### **Summary of Progress in this Period**

- Presented findings on the OpenAI API and potential cost of using the API and testing.
  - We also discussed the differences between using langchain as a framework and LlamaIndex as a framework.
  - Identified the scope of needs required from the API and LLM framework.
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### **Pending Issues**

- Addressing the limitations of each LLM(Langchain and Llamaindex) and how we would integrate class content with additional context into the LLM framework and into the Language model.
  - Prompt engineering for specific course module questions
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### **Plans for Upcoming Reporting Period**

- Present front end design comparisons between using a Team's integration and a Canvas integration.
  - Present future findings on the design constraints between langchain and LlamaIndex. Additional research on 381 course content to design a method of integrating subject context into LLM.
  - Additional prompting engineering research into potential prompt templates to generate questions from course content.
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