

Team Name: sdmay24-49

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Report Period: Sept 25-Oct 8

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

This week we have decided on a front-end framework that will allow us to customize its UI and change elements to fit our project requirements. We have also begun testing OpenAI's Language Learning models and have been able to integrate Langchain into the front-end framework.

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### **Pending Issues**

Design a subsystem that will educate the AI so that it understands the content that it will be generating questions for and evaluating student conversation using the rubric as a guideline for grading.

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### **Plans for Upcoming Reporting Period**

Develop metrics and methods of testing. Analyze potential obstacles of testing output from an LLM and find ways of potentially using another langchain agent to verify and validate testing as outputs from LLM are not static and require interpretation from a human or an AI to validate that the output meets the expected output. As well as identify potential methods for integration, interface and regression testing.

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