### MICHIGAN STATE UNIVERSITY

### Alpha Presentation

Prompt Assistant: Mastering the Art of Prompt Engineering

The Capstone Experience

#### Team HAP

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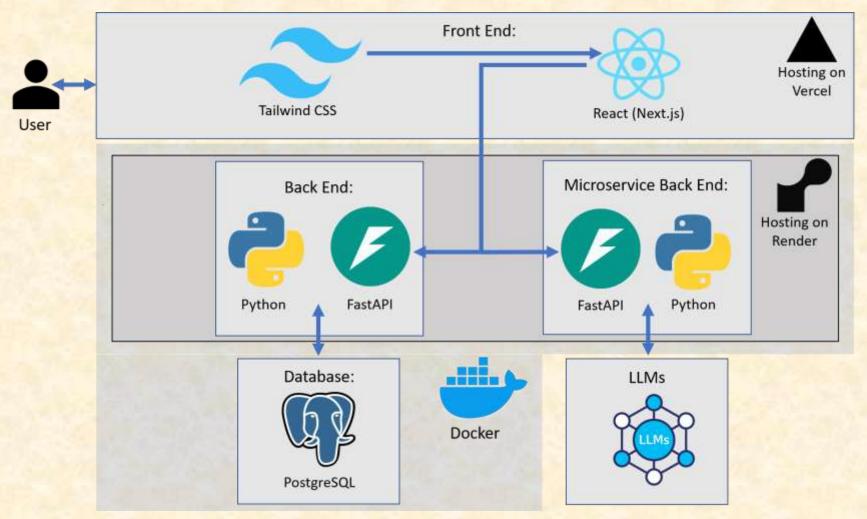
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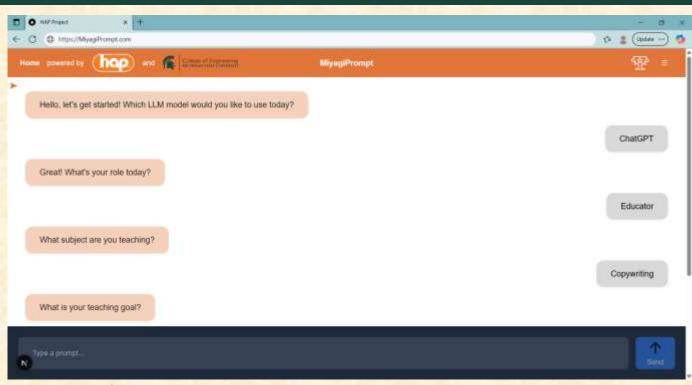
### **Project Overview**

- Solves the problem of vague, ineffective Al prompts
- Guides users to build and test strong prompts through a web application
- Boosts output quality, productivity, and engagement through gamification

## System Architecture



## Home Page

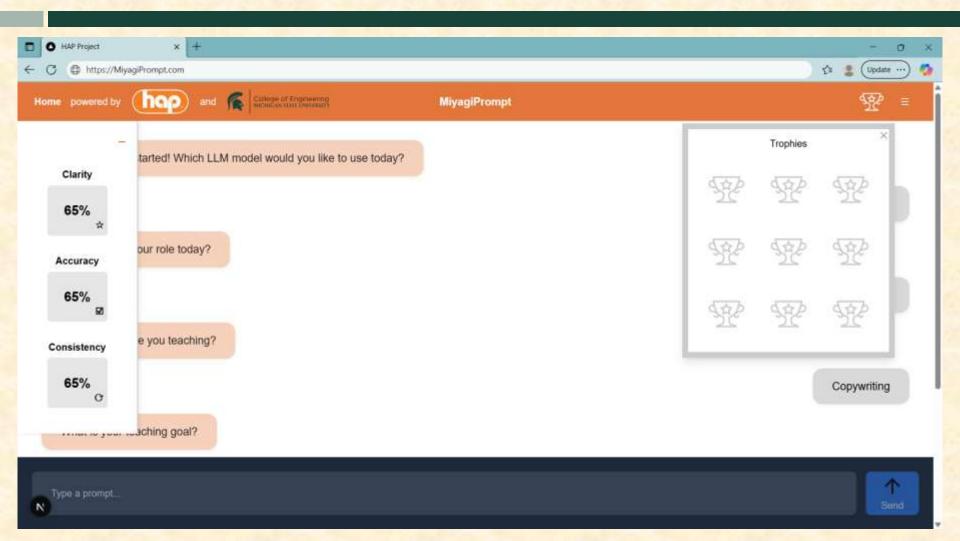


#### Miyagi Prompt Evaluation Data:

- Sample Size: 30
- 96.7% were satisfied/highly satisfied with the prompt given by our tool
- 93.3% were satisfied/highly satisfied with the outcome given by the LLM
- 100% felt their prompt engineering skills improved after using our tool

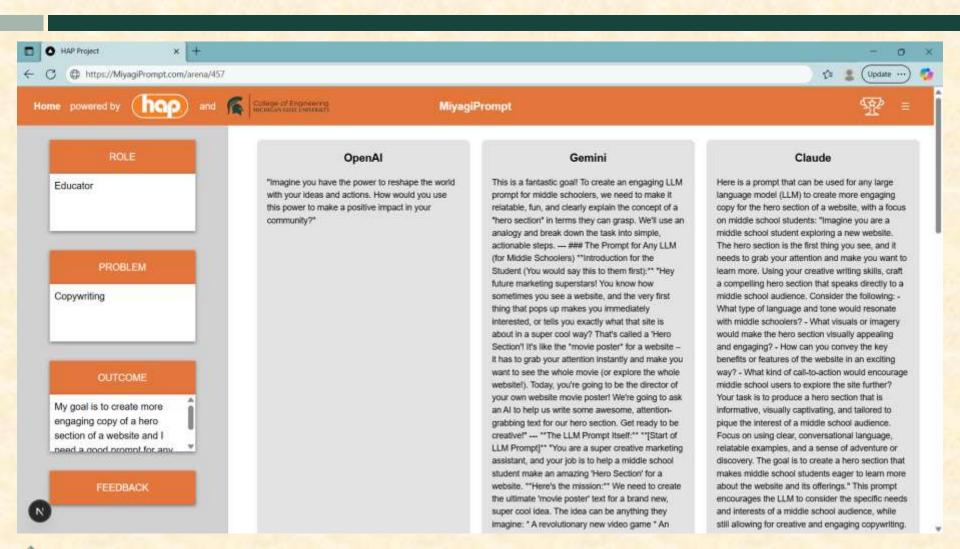


# Score Card and Badges

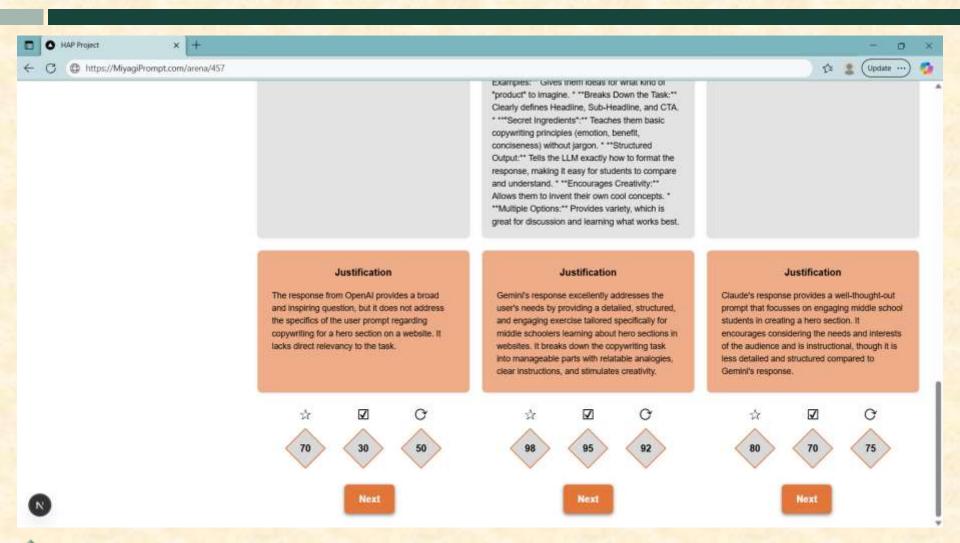




### LLM Arena



## **Prompt Performance Indicators**



### What's left to do?

- Improve live scoring
- Implement feedback section
- Activate gamification and embedded features (badges and prompt history)
- Testing and deployment

## Questions?

