AI Implementations

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PROJECT SUMMARY

AI Implementation's goal is to **make the life** of everyone who is using the Sac State website **easier**. The project is built around data brought from the University that will **help to create an AI Chat** that will be **able to answer any questions** asked about Sacramento State, including solving different problems like Class Schedules, Finances, Academic Rules, Education, and others.

BACKGROUND

It is **relatable** to everyone, using Sac State's website to look for things and get **frustrated** when you can't find them right away. In some cases, it is very **time-consuming** to gather information and then compare it with other sources or just make a table of contents, for example, to make sure that you can take that one class during summer. **AI is capable** of **solving** all these **problems**.

OBJECTIVES

Partnership with OpenAI (possibly)
Gathering and creating a **database** to train AI
Figuring out how hard it is to **implement** it into the SacState website

PROJECT DEVELOPMENT & PRELIMINARY PROGRESS

The development process includes creating a user-friendly interface and seamlessly integrating the chatbot into the Sac State website. We've conducted extensive research to ensure feasibility, drafted survey questions to understand user needs, and created preliminary interface designs and flowcharts. Emphasizing data privacy and quality, we are refining our methods to comply with privacy standards and improving the chatbot interface based on feedback. This detailed and iterative approach ensures we address technical challenges and enhance user satisfaction and efficiency.

EXPECTED BENEFITS

Enhanced User Experience: The AI chatbot will provide immediate, 24/7 assistance to users

Increased Efficiency: By automating responses to common inquiries, the university can reallocate resources to more complex issues, enhancing overall operational efficiency.

Data-Driven Insights: The AI system will generate valuable insights into common user queries and concerns

Accessibility and Inclusivity: The chatbot will make information more accessible to all users, including those with disabilities, promoting a more inclusive educational environment.

REFERENCES

Arizona University partners with OpenAI
https://news.asu.edu/20240118-university-news-new-collaboration-openai-charts-future-ai-higher-education

POTENTIAL CHALLENGES

Data Privacy and Security: Ensuring the AI chat system adheres to strict data privacy and security standards.

Data Quality and Quantity: Acquiring a sufficient volume of high-quality, relevant data to train the AI effectively could present obstacles. Partnering with various departments within the university to share data while maintaining privacy standards can address this challenge.

Integration with Existing Systems: Seamlessly integrating the AI ChatBot into the current Sac State website infrastructure may require overcoming technical hurdles.

NEXT STEPS & FUTURE PLANS

• Creating **our own AI** model to advance University's technology

• **Sac State's Approval** of implementing it into the system

• **Partnering with OpenAI** company

ACKNOWLEDGEMENTS