2024 PROPERDATA SUMMER PROGRAM on PRIVACY, IoT & AI

GigglesGPT
Koshik Kumaravel¹, Armando Argueta²
¹Arnold O. Beckman High School, ²Los Amigos High School

Background
In the increasingly technology-reliant world, having easy and accessible solutions to everyday issues can be a major benefit. However, the abundance of technology causes privacy issues especially when devices enabled with AI come into play.

[Giggles], the Voice Assistant
Our voice assistant, “Giggles” is a very funny and playful chatbot that given a user prompt, will respond in rhymes and give jokes to the user. The major functionality of our chatbot is to be as funny as possible, as Giggles will give out a variety of different jokes to the user in order to make them laugh. Once Giggles responds, the RGB lights will blink and the speaker will play a laugh track afterwards to enhance the personality of our chatbot.

System Design and Implementation
Key features for our Design:
● Funny and user-engaging chatbot
● Vibrant flashing lights for captivity
● Laughing sounds to enhance personality
● Has access to the news, mystore, and the weather

Background
In the increasingly technology-reliant world, having easy and accessible solutions to everyday issues can be a major benefit. However, the abundance of technology causes privacy issues especially when devices enabled with AI come into play.

System Design and Implementation
Key features for our Design:
● Funny and user-engaging chatbot
● Vibrant flashing lights for captivity
● Laughing sounds to enhance personality
● Has access to the news, mystore, and the weather

Other Work
● Trivia Host: Changes personalities. Has a more mean and overbearing outlook. Does not go easy on the user.
● Translator: Translates any language into French.

Discussion / Future Work
Currently, Giggles is unable to produce new original jokes to the user. We would like to be able to identify exactly when Giggles is telling a joke. This way we can play the laughing sound when it is most appropriate.

Acknowledgments
We appreciate Athina Markopoulou, Marilyne Tamayo, Ernest Garrison, Luca Baldesi, Hao Cui, Olivia Figueira, Tu Le, Diana Romero, and Alison Iversen for this opportunity to develop our skills. We are thankful for their persistent effort in guiding us throughout this summer program.