Background
As IoT devices have become synonymous with a modern household, privacy continues to be a concern. For example, AI voice assistants found controversy for improperly saving data of users who don’t know they’re being tracked.

A.I.P.S., the AI Voice Assistant
A.I.P.S. is equipped with multiple personalities, each with different capabilities suited for separate users. Similar to Alexa profiles or different Netflix accounts, the distinct identities enable a more personalized experience for each user, optimizing how users interact and utilize the assistant.

To use the personalities, similarly to how you need a wakeword to interact with a vocal assistant, we use custom, easy to use, wakewords to activate the other Personalities that A.I.P.S has in their system.

System Design and Implementation

Modes
Using:
- Trivia Host: asks you general trivia questions and tracks score
- Translator: Translates and responds
- Default: General assistance

Discussion & Future Work
Personalities are hard coded into the program. A possible feature to implement add personalities by telling the assistant.

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