GIZMO, VOICE ASSISTANT

PHADYN PROJECT

By Jadyn Ho and Phil Stavisski
TEAM

Jadyn Ho, Rising 12th grader at Fountain Valley High School. I am interested in this program because I want to be in the Engineering Field as a future job.

Phil Stavissiki, Rising 12th grader at Aliso Niguel High School. I am interested in this program because I want to pursue technology as a career in the future.
We designed a voice assistant that has a great listening capabilities through Thonny Raspberry Pi. We learned the code that we applied through the demos and labs.

Gizmo is a voice assistant with a upbeat and positive, ready to help with a cheerful tone. Gizmo is also a very interactive voice assistant. You can ask Gizmo many types of questions, such as what is the weather or time in any city, and when playing trivia Gizmo will change their light to red or green depending on if the suer is correct or not
This is the code that we wrote for Gizmo and the different variety of things it can answer.

```
18 register_function(get_time)
19 register_function(set_light_color)
20 register_function(get_weather_forecast)
21 register_function(get_nytimes_news_headlines)
22 register_function(mystore_submit_order)
```

This is the Raspberry Pi setup showing the microphone, speaker, and a pink light that was created with different selection of numbers.
EXPERIENCE

We learned more in depth programming as well as learning to use the Raspberry Pi. We got further knowledge on scripting and how it is a way to send instructions to a computer telling them what to do, when to do it, and how to do it.
THANK YOU!