sPicking Assistant

ANGELS OF Angela

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TECHNLOGIES USED

PYTHON

- Cloud Speech-to-Text
- Google Text-to-Speech
- Mixer

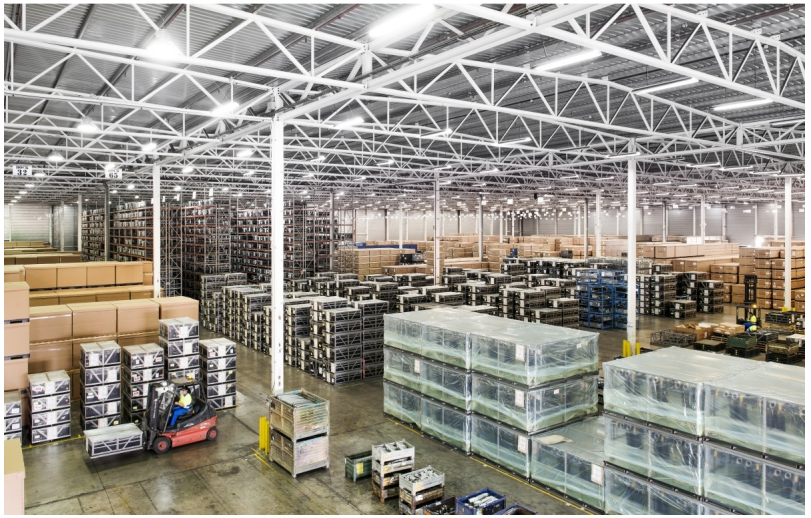
SPYDER (ide python3)

GITHUB

VIM

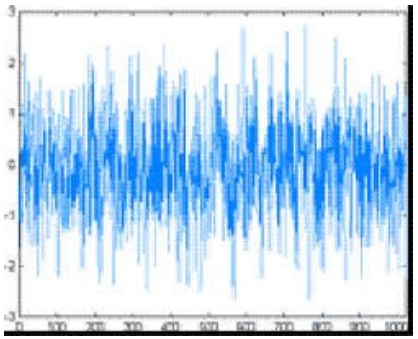
HARDWARE

- Speaker: PC
- Microphone: integrated headset microphone
-
- It isn’t the most appropriate configuration, so WHY THIS DECISION?



CAPABILITIES OF OUR PROJECT

- Multi-language (spanish and english)
- Human Error Detection
- Logging (we will focus later)
- Wireless
- Flexible (you can use different gramatical structures)
- Microphone Sensitivity



PREVIOUS ERROR CASES

- Before we start moving sticks,
- let's make sure:

  - The number of final products isn’t greater than the initial
    - (bad news, sticks are neither created or
    - destroyed, they are preserved)

  - The ordered product is in the initial list
    - (we aren’t Sesé,
    - our inventory is limited)

PHYSICAL SCENARIO

We will use two main elements for the development of this practice:

Products: Color sticks

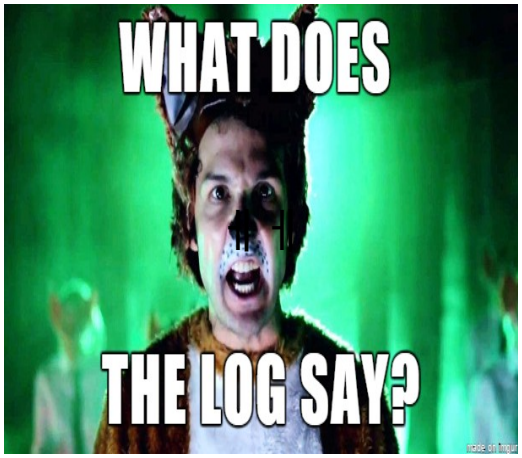
Buyers: You

MAKING THE ORDER FILE

- So now,
  - any volunteers who want to make a “shopping list”?

Choose your own adventure, you are the hero of this journey


PHEW
FINALLY, IT'S DEMO TIME



LOGGING

- As we all know, machines can fail too:
  - MAN VS MACHINE
  - WHO IS RIGHT?
- LOGS are the answer
- But, if there is an error while the operator is working?
  - “Pass” function to skip the order

FUTURE PLANS

- More language support

- Machine Learning Implementation

- Pressure detection in
- the destination containers

THANK YOU!

SEE YOU IN FUTURE HACKATONS