**Project Details**

language used: 100%python

Components:

1. chatbot

* made with python chatterbot module
* trained by speaking with humans or with online existing ai chatbot (cleverbot)
* can be trained with specific response to similar conversation

2. text-based emotion detector

* built using Isear dataset and random datasets obtained from github
* built using NaiveBayesClassifier model provided by nltk module
* code in kaggle: https://www.kaggle.com/footunjing/emotion-detectionfinal/edit

3. preloaded emotion picture

* character images downloaded from browser

4. text-to-speech synthesization

* using en-US\_AllisonVoice provided from Watson\_TTS api

Usage:

1. This AI can be trained to answer certain information when being asked a related question.

2. This AI possesses “emotions” so it can be a great chatting companion to human.

3. This AI is aimed to use for customer service in places such as hotel and airflight.