

My main vision about Chatbot is that a Chatbot which everyone can talk about any topic and it can do some tasks for you. Second part is that could do some tasks like if you bored, it could be tell you a joke or if you stuck in your code it could suggest some solutions or give information about the topic. My group partners wanted to work with vue.js but I need a language like python to code such a complex algorithm. Because of that reason I wanted to build the chatbot with python and merge vue project with django project to connect all website together.

First part of coding chatbot is the hardest one because it should be talk about everything. I found more than 30 gb of conversations about almost every topic you can imagine like cars,technology,science, off topics etc. in Json format. I learn python, deep learning, Tensorflow and other crucial elements to build this program. My main problem which keep me from doing this program is the time that needed for training the data I found. Normally in such a big processing tasks if coder wants to build it in short amount of time, need to rent a cloud like google cloud.I did not have a chance to rent but I did not have enough time to train in my computer. Because of that reason I stop work on this part of the chatbot.

Second part is relatively easier part but due to I stopped the first part of the program, There is no meaning of building a simpler chatbot in python, which could be done in vue with dialogflow. It rise the complexity of project and add latency even could not use main advantage of python. Because of that reason I started to learn vue. Which is I did not have a lot of time left to learn and I did not had any experience with node.js, html, javascript or vue. I start to design this part with some of dialogflow-vue template code because I do not find any guides or tutorials to follow. Dialogflow is a human-computer interaction technologies based on natural language conversations. I wrote to do basic small topics and lead to a joke part of the program. I get jokes from 2 different places to keep interesting. First one come from Dialogflow and second one is a api request from a public api. To call api jokes I choose `$$$desForUser$$$` as String send with dialogflow to implement if statement to trigger because it is not a word or could not be any other way in natural conversation.

As a conclusion my chatbot is a chatbot that could make small talks and tell a random jokes. As a side note, I will build the first part in the near future for the release of the application and the website.