

## Read Me and Running Instructions

### Requirements outside of Python dependencies

- Need to have **Docker** installed and running before chat bot on port 8000. This is for Spacy and Duckling NLP extraction.
- Use **Ngrok** to connect to the open internet sometimes the port changes which is a hassle, and you must change the Api port as well to make sure things are talking.
- To store data in the Wix database you need my Api key. I will not provide this as this is related to my business. However, I made an account on an online database company to show how my bot stores info in the same way with a different website, so my business is not compromised.
- Custom actions must be in actions folder and imported with the actions.name of action for the m to run correctly

### **Version and dependencies needed**

#### **Rasa Version 3.1**

#### **API Tests**

1. Ask for weather in any city (London, Sacramento, New York)
2. Ask for the quote or price of a stock (MSFT, NVDA, etc)

#### **Database tests**

After going through a conversation your name and email should have been saved. After you say goodbye my bot sends the name and email to an online database through a custom action. The only way to test this is to look at the code.

### **Conversational flows suggested**

- Greetings
- As for help with credit issues
- Go through flow
- Switch to financial education
- Go through flow

## Known Bugs

- Sometimes my bot does not respond, this is from all the multiple checkpoints I put in. Therefore, you must expand or say something to get it unstuck.
- Sometimes if you say you are an existing customer the bot just does not know what to do, just say you are a new customer, and this is usually fixed.
- Sometimes the bot just out of nowhere proclaims goodbye.

Those are all the bugs found so far there may be more. I implemented a lot of conversational flows because I was trying to make this production ready for my own business. After working on it I see that it would take a lot more work to be production ready and better conversational management.