

# NLP ASSIGNMENT 2

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## User Guide

### Shop Owners

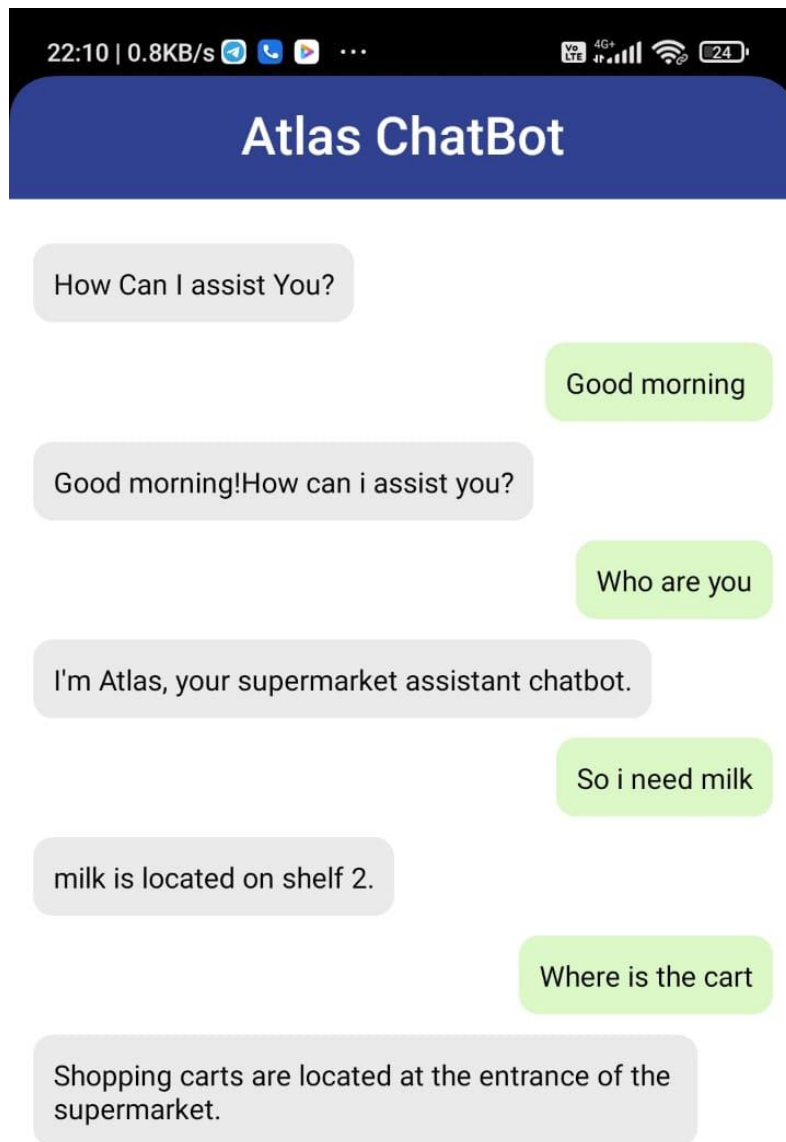
Shop Owners should include Goods name and corresponding Shelf number to 'supermarket.csv'. And if product is not available or finished in supermarket include product name and for Shelf number enter 0.

11	Rice	7	Shelf Numbers		
12	Flour	7			
13	Sugar	7			
14	Salt	8			
15	Coffee	9			
16	Tea	9			
17	Milk Powd	10			
18	Yogurt	11			
19	Cheese	11			
20	onions	12			
21	Tomatoes	12	These Products not available		
22	Cucumber	12			
23	soda	0			
24	rolls	0			
25	Cake	0			
26					

Figure 01:supermarket.csv

### Customers

This chatbot is trained for very basic conversations like greeting and asking about the bot. It is mainly designed to provide the correct shelf number of products.



To Delete Chats press this Icon

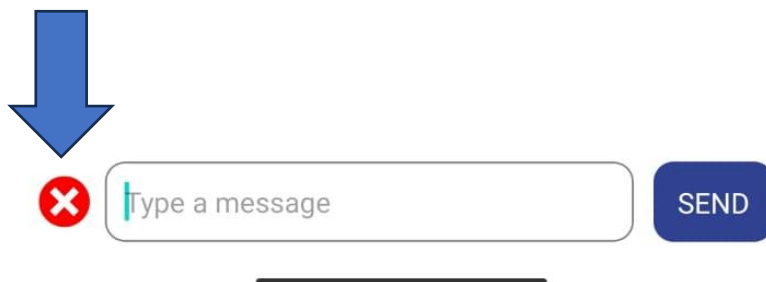


Figure 02: Atlas ChatBot

## Design Architecture

Backend Was developed by Python with help of FASTAPI .

Frontend was Developed by ReactNative and Expo App.

## How to Run the Prototype

Step 01: 1<sup>st</sup> Open the Folder in Visual Studio Code.

Step 02: Run the Python Backend Server

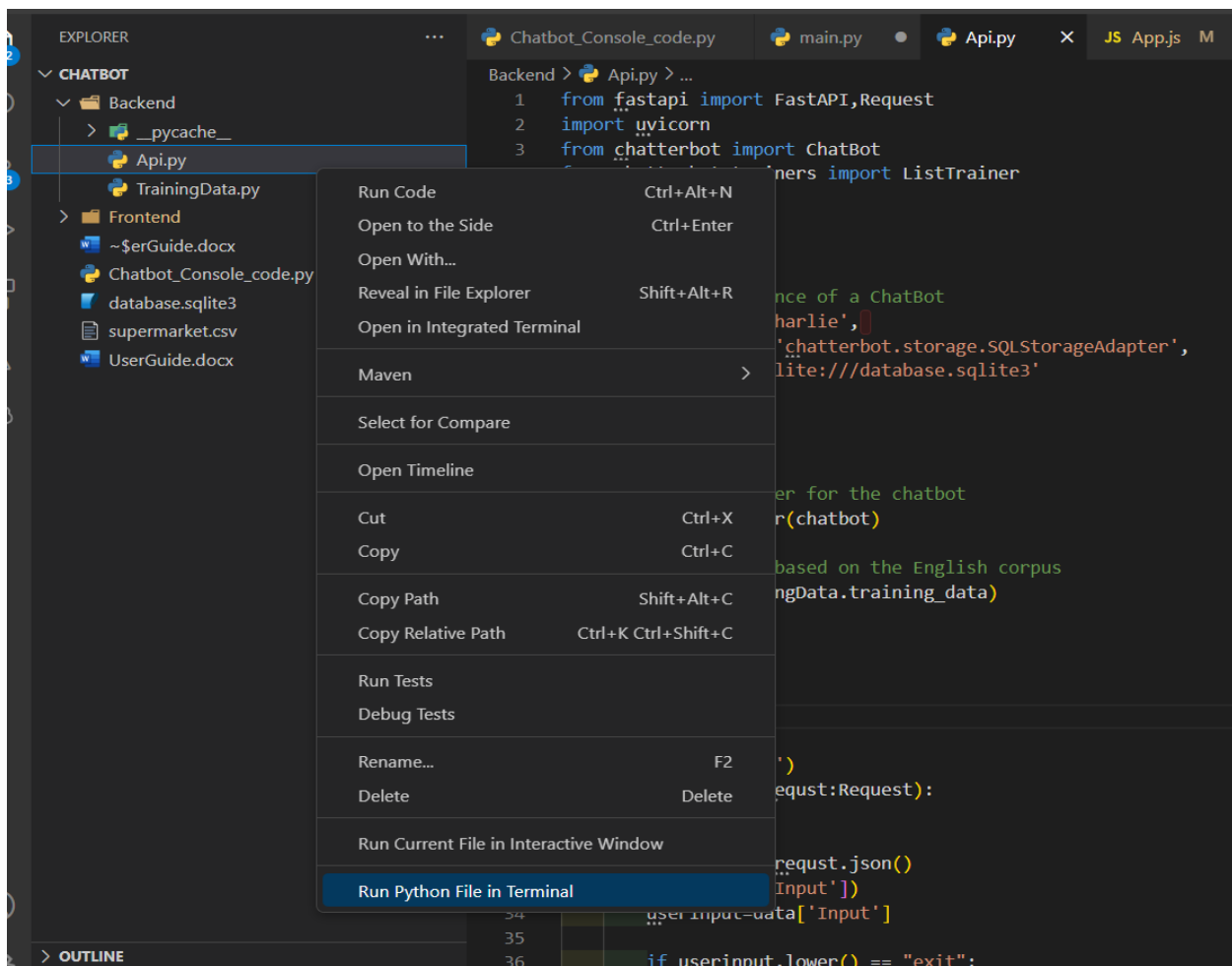


Figure 03: Select Backend→Api.py and Run the code

Step 03: After FastApi run Successfully open new terminal

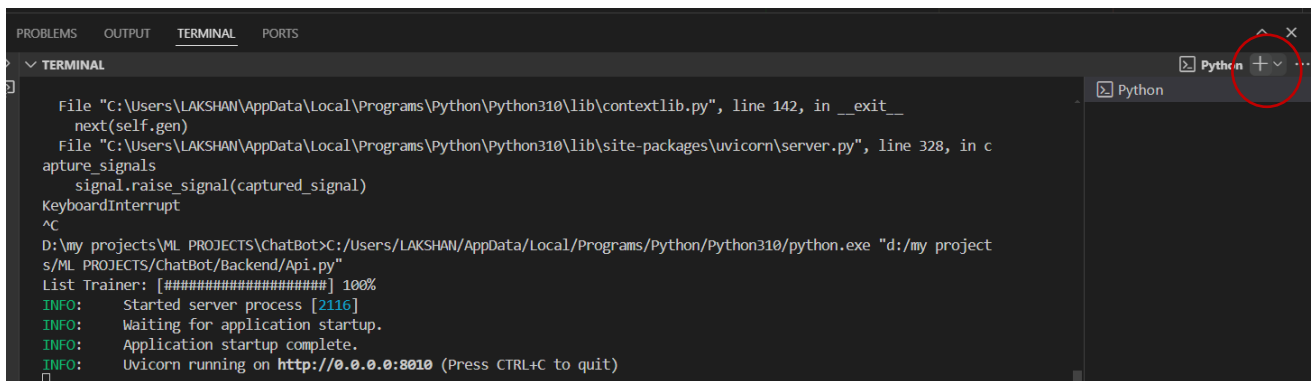


Figure 04: Open New terminal by press + symbol

Step 04: In terminal direct to Frontend/Chat directory

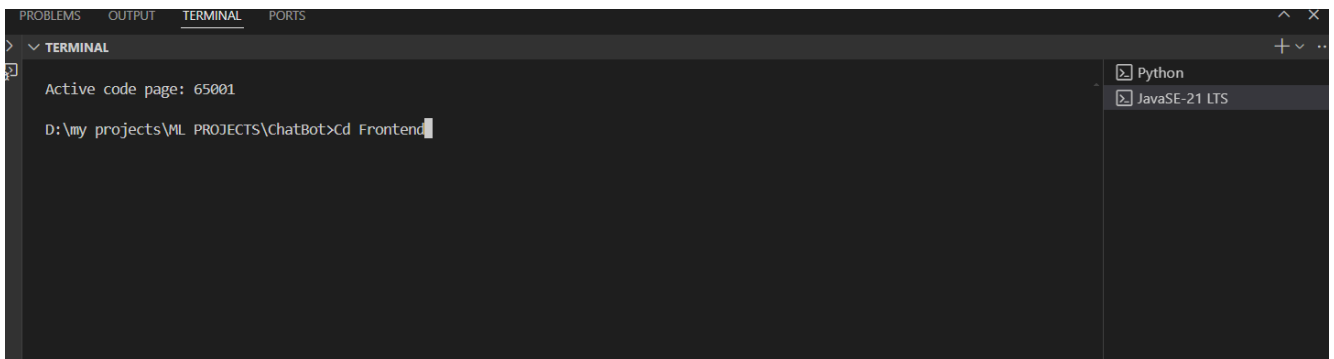


Figure 05: type cd Frontend after type cd chat

Step 05:

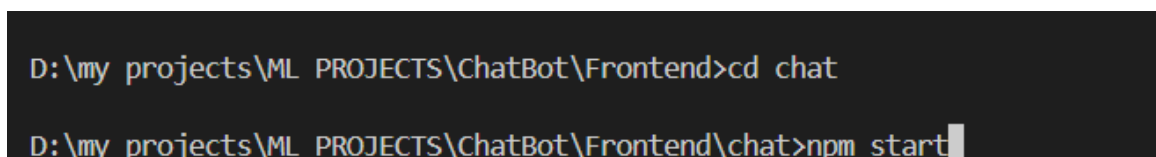


Figure 06: Then Type npm start

Step 06:

In your Downlode Expo go app and scan the QR code which is shown in Terminal or Open android studio virtual mobile and press a. it will open the app.