

MEE6 Telegram Bot

Bot to review products sold

By Mohammed Al-Ahmed



Created using: Typescript, telegraf, Nodejs

Function of the Bot: review sold items to customers and take their opinions about

Software requirements:

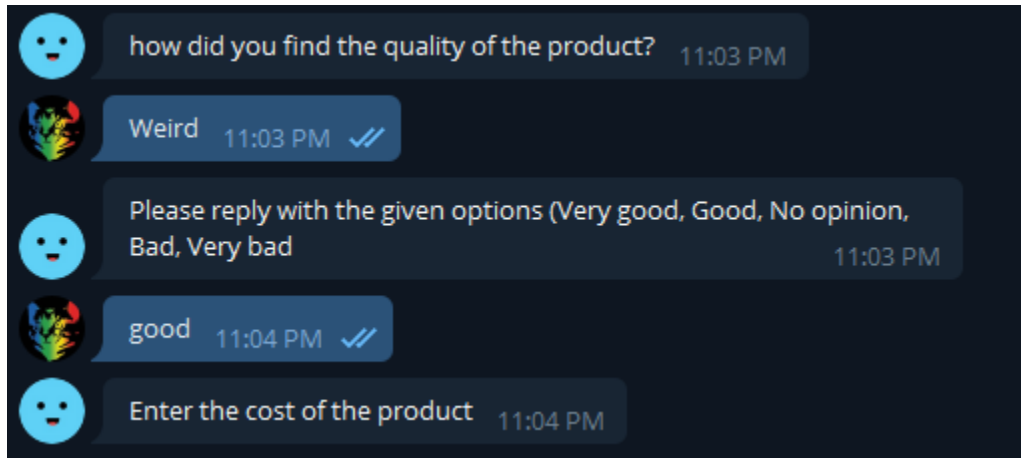
- 1-Rating of the quality of the product.
- 2-Price of the product.
- 3- Picture of the physical status of the product.
- 4-Delivery location.
- 5-Session that stores all the given information at the top.

Normal Flow:

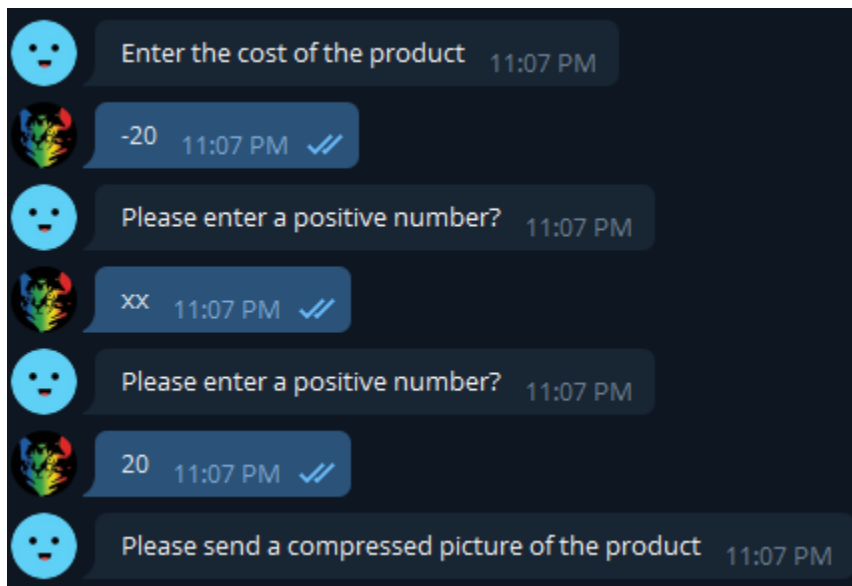
M	Mohammed	22:55
	/start	
M	MEE6	22:55
	Hello and welcome to MEE6 product quality check! Where you can give us your precious opinion on our products. To start a new review use /review You can look at the list of commands in the /help menu	
M	Mohammed	22:55
	/review	
M	MEE6	22:55
	how did you find the quality of the product?	
M	Mohammed	22:59
	Very good	
M	MEE6	22:59
	Enter the cost of the product	
M	Mohammed	22:59
	110	
M	MEE6	22:59
	Please send a compressed picture of the product	
M	Mohammed	22:59
		
M	MEE6	22:59
	Please send us your current location	
M	Mohammed	23:00
	 Location 26.330561, 50.153865	
M	MEE6	23:00
	Thank you for your review, you can always start a new /review and have a good day :D	

Alternative flows:

1-An answer not given in the options – Gives Error



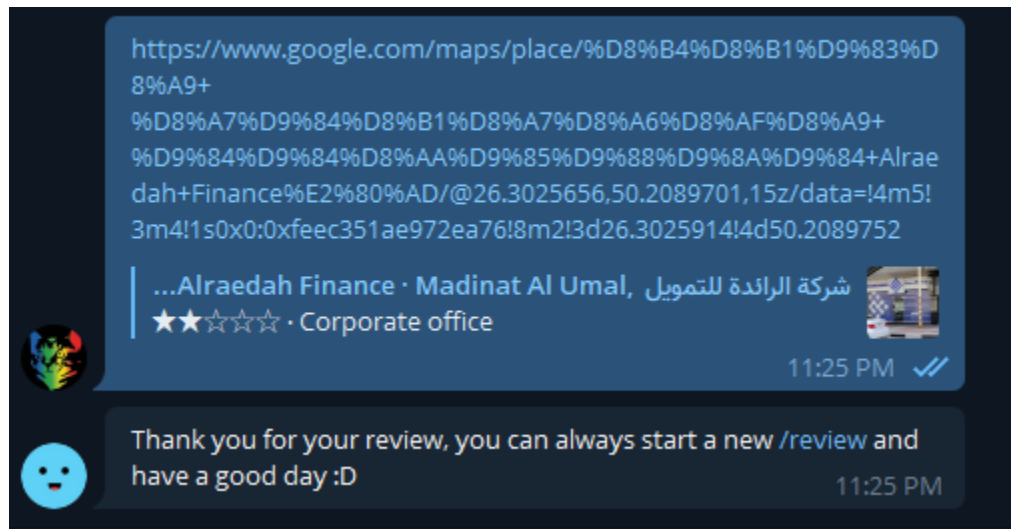
2-Characters or negative numbers in cost field – Gives Error



3- Huge image file – Gives Error

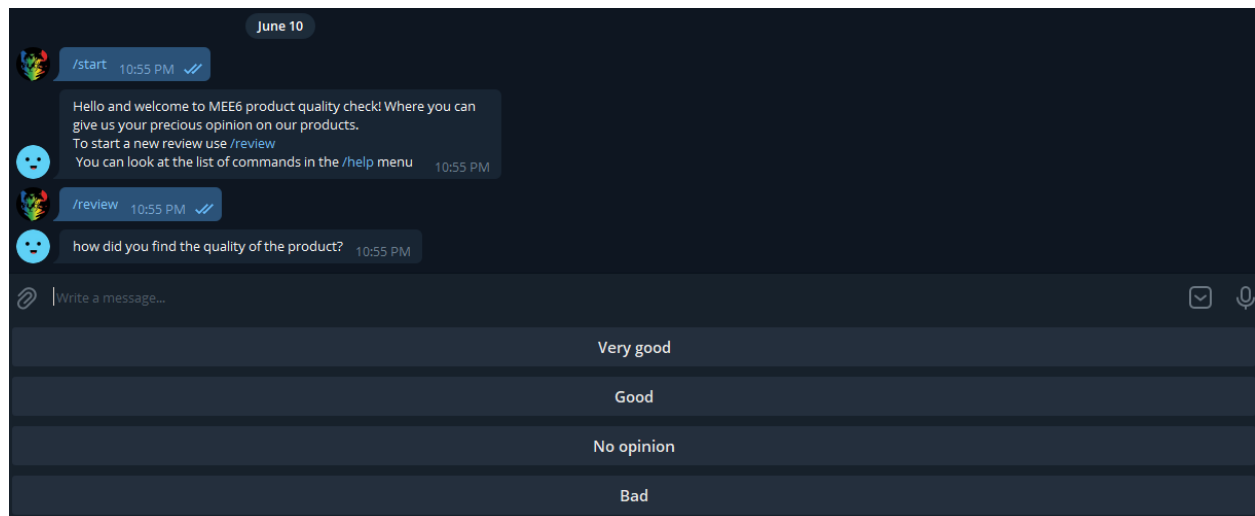


4-Sending location as a google maps location is viable



More information:

Mark up keyboard:



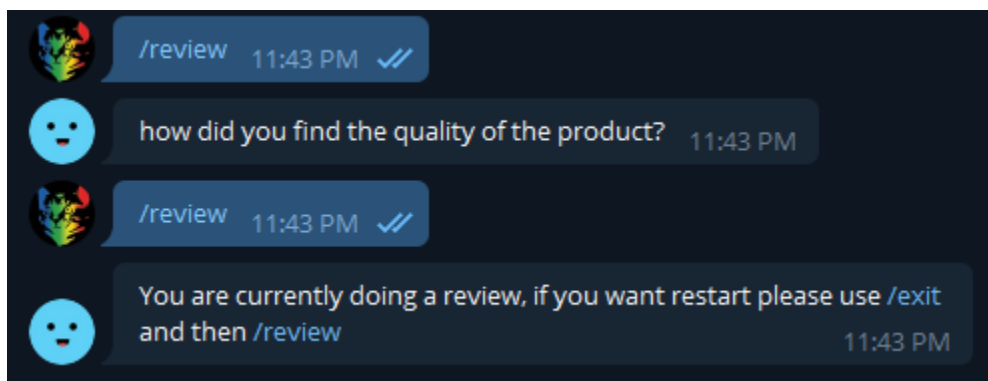
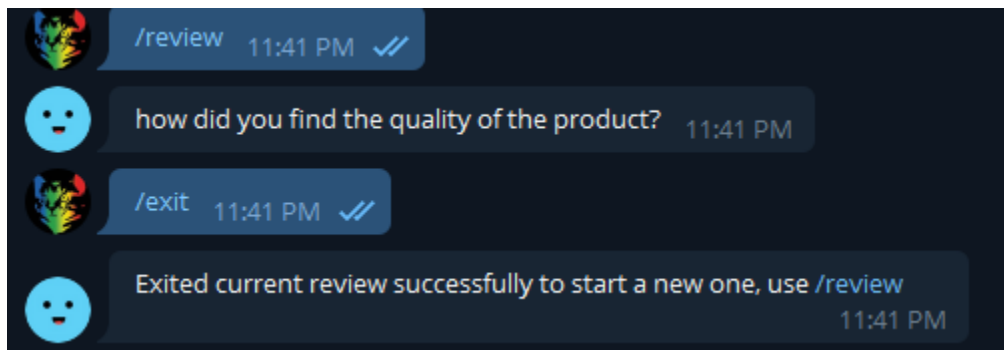
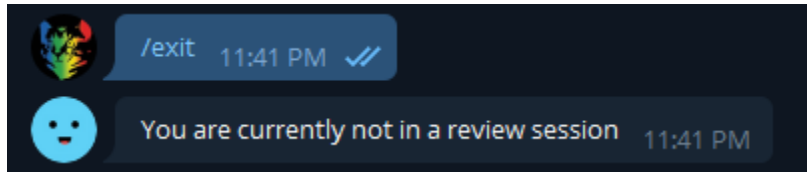
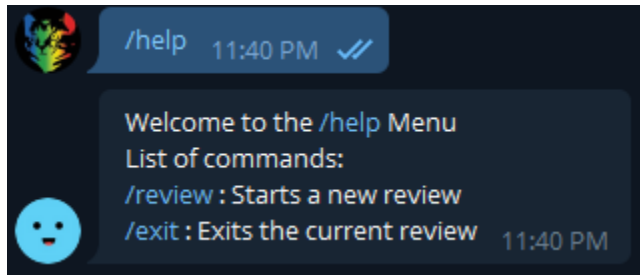
Multiple users may use the bot with different session, and a user may have multiple reviews. The image bellow shows saved replies. Name of file shows (user ID + ' Review' and number of reviews the user has given).json:

```
{ } 812571848 Review 11.json
{ } 812571848 Review 12.json
{ } 812571848 Review 13.json
{ } 812571848 Review 14.json
{ } 812571848 Review 15.json
{ } 812571848 Review 16.json
{ } 944114224 Review 1.json
{ } 944114224 Review 2.json
{ } 944114224 Review 3.json
```

How the json file looks like:

```
userInfo > { } 812571848 Review 8.json > ...
1  { "counter":14,
2    "qualityOfProduct":"Very good",
3    "questionCounter":4,
4    "priceOfProduct":12,
5    "fileLink":"https://api.telegram.org/file/bot1887952507:AAGbu0kFNADN1pPCFS8Zk48Y9tLj4EbeoW4/photos/file_4.jpg",
6    "numberOfReviewsForThisUser":8,
7    "nameOfUser":"Mohammed",
8    "userID":812571848,
9    "location":"https://www.google.com/maps/place/26.330561,50.153865"
10 }
```

Commands in action:



Modules/packages used

Telegraf

telegraf-session-local

fs