Facilities Assistant

**A. Introduction:**

* **Purpose/Description**

**Facilities Assistant:**

The chatbot is capable to answer the queries of employees, guide them to the appropriate procedure to complete their task.

We can give the required response that is expected for a particular query and the bot responds accordingly.

* **Scope**

The scope of facilities assistant is the ability to answer to the queries of users and engage the users.

**Advantage**

There are many benefits to facilities assistant, including:

* Ability to understand user’s query and respond accordingly.
* It has better engagement with user all the time.
* It is accessible all the time i.e 24X7.
* They are cost-effective as one chatbot is equal to loads of employees, it can easily communicate with thousands of customers at the same time.
* **Design Document/Process Document**

<https://chatterbot.readthedocs.io/en/stable/>

* **Test case document**

<https://virtusaonline-my.sharepoint.com/:w:/g/personal/srivanik_virtusa_com/EZjhf7u6ELFMrog-aaPXVGcBAkxeNKjFwSo-yW6w7VyjnQ?e=5hhbhA>

**B. Prerequisites:**

OS: Windows

Browsers: IE/Chrome/Firefox

RAM: 2GB/8GB

**C. Required tools/software’s:**

1.Pycharm

2.Anaconda prompt

**D. Technology used:**

1.Django

2.HTML, CSS

3.JSON

4.JQuery

5.Python (Chatterbot)

6.DBsqlite

7.BotUI (JS Framework)

**E. Compatibility:** Compatible with these Browsers: Google Chrome, Firefox, Internet Explorer

**F. Execution Process:**

1. **Configuration:**

* Open source code folder in command prompt.
* After that you need to install below commands:

pip install chatterbot

pip install django

* + Run the application by using python manage.py runserver
  + Opens your browser in [**http://localhost:8000/**](http://localhost:4200/)

**G. Lenience (If using any license tool)**

NO

**H. Known Issues**

NO