How to Run the Chatbot Application

Create Virtual Environment: This step is preferred since when virtual environments are used there are fewer chances of package version conflicts and Python version conflicts.

How to Create a Virtual Environment:

First, install virtualenv **PyPi** package. Use one of the commands given below. These commands work on any platform.

```
$ pip install virtualenv
$ pip3 install virtualenv


$ python -m pip install virtualenv


$ python3 -m pip install virtualenv
```

Create a virtual environment having a unique name. Usually, we name virtual environments venv.
Go to the directory where you want to create the venv and then decide on a good file name. Here it is preferable to use the latest version of Python.

```
c:\path\to\myenv$ python -m venv path\to\myenv\env

c:\path\to\myenv$ python3 -m venv path\to\myenv\env
```

How to Activate the Virtual Environment:

```
Windows:
c:\path\to> myenv\venv\Scripts\activate.bat

Mac and Linux:
c:\path\to\myenv$ source myvenv/venv/bin/activate
```

Installing necessary packages from requirements.txt which was created using pip freeze

To freeze the Files use the freeze module

```
$ pip freeze > requirements.txt
```

To install packages from requirements.txt

```
$ pip install -r requirements.txt
$ pip3 install -r requirements.txt


$ python -m pip install -r requirements.txt


$ python3 -m pip install -r requirements.txt
```

Running the Files

In case of manual database update by admin as seen in help.html we need to first update **intents.json** and **imported_file.txt** and then run **train.py** followed by **app.py**. In case the database was imported using csv, the update to **intents.json** and **imported_file.txt** are automatic and we can directly run **app.py**.

Where to find the File for Download? **Here**

```
An Admin after Manually creating Database and Table:
$ python db.py
$ python app.py

A user on regular runs
$ python app.py
```