TIP Installation Guide

This document provides a step bystep guide on how to install and run the TIP sytstem

- Ensure you have **python 3.6** installed oin the system. else you follow this guide on how to install it.

- Install **pip** on your system. Follow the instaructions on this site for more information. else :-

- Fedora/RHEL/CentOS

```
sudo dnf in python3-pip
```

- SUSE/OpenSuse

```
sudo zypper in python3-pip
```

- Debian/Uuntu

```
sudo apt-get install python3-pip
```

Copy if you have not done so already, the system folder form the installation media onto your system/OS. Place it under a directory you can access.

Assuming its placed under the www folder of your system.

If tip-system is the name of the system folder, then do:

```
cd tip-system
```

- install the system requirements.

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

- make sure iptables is installed on your system. If not the , execute the command below.

- Fedora/RHEL/CentOS

```
sudo dnf in iptables
```

- SUSE/OpenSuse

```
sudo zypper in iptables
```

- Debian/Uuntu

```
sudo apt-get install iptables
```

- create a new IP chain called TIP and jump to it to allow it grow.

```
sudo iptables -N TIP

sudo iptables -t filter -A INPUT -j TIP
```

Assuming all is well.

- The system can be run(*the default configurations, host localhost, port 5000*) with:-

```
python3 app.py
```

The system can now be accessed from the browser window.

```
http://localhost/tip-system/web
```