

# Installation and User Guide

## Mycroft.AI Installation:

Pre-requisite:

1. Create or login to your Mycroft account at '<https://home.mycroft.ai/>'

## For Linux OS Installation:

1. Download/clone repo from the github URL '<https://github.com/MycroftAI/mycroft-core>'.

2. You can install pulseaudio using:

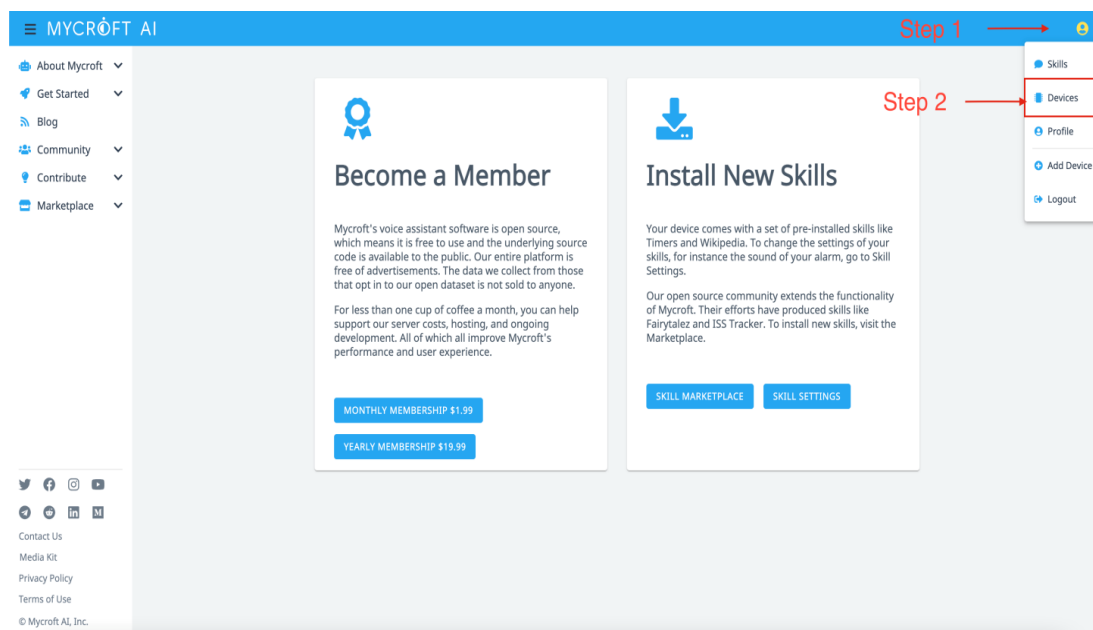
- `sudo apt-get install -y alsa pulseaudio`

3. Run the following commands in the terminal to setup dependencies and a virtualenv

- `sudo apt install git`
- `git clone https://github.com/MycroftAI/mycroft-core.git`
- `cd mycroft-core`
- `bash dev_setup.sh`

4. Once running the bash command, Mycroft will start telling you a pair code.

- a) In your Mycroft dashboard page(<https://account.mycroft.ai/dashboard>). Click on the 'Profile' icon to see a dropdown.
- b) Select 'Devices' from the dropdown



- c) In the '**Devices**' page, click on '**Add Device**' button.
- d) Enter the **Pairing Code** and **Name**. (You can enter anything in the "Name" field)
- e) Next, enter the **Geographical Location** Information.
- f) Select '**American Male**' as Voice and '**Christopher**' as Wake Word
- g) Click '**Next**' and '**Done**' in the next page.

## 5. To install a Mycroft skill: (Please note the spelling on the skill and do not change)

- mycroft-msm install <https://github.com/ramya0311/nurse-assitant-skill>

## 6. To start Mycroft:

Start a terminal window and input in the following commands:

- `cd ~/mycroft-core`
- `./start-mycroft.sh all`

## 7. To check if Mycroft has started:

Run the following command to see whether Mycroft is up and running:

- `./start-mycroft.sh cli`

You can see if Mycroft is able to capture your voice request in the cli, in case if it's not able to recognize you, you can type the request directly in the cli to launch the application.

## 8. To stop Mycroft:

- `./stop-mycroft.sh`

## For Mac OS and Windows:

1. Please follow the instructions provided here for installing the VirtualBox and Ubuntu. (Choose the **Ubuntu Desktop** version)  
<https://mycroft-ai.gitbook.io/docs/using-mycroft-ai/get-mycroft/macos-and-windows-with-virtualbox>
2. Proceed to follow the instructions provided in 'Installation for Linux OS'

## Hey-Nurse Installation:

### Pre-requisites:

1. Python – 3.9 using the command '`sudo apt install python3.9`'
2. Node – 10.13.0 or above from <https://nodejs.org/en/download/>
  - `sudo apt update`
  - `sudo apt install nodejs`
  - `nodejs -v` (to check whether node is installed)
3. Angular – 11. \* using the command '`npm install -g @angular/cli@11`'
  - `sudo install npm`
  - `sudo npm install -g @angular/cli@11`
  - `ng --version` (to check whether angular is installed)
4. MongoDB – 4.4.3 (Community Edition)

### MongoDB setup:

1. After downloading MongoDB from '<https://www.mongodb.com/try/download/community>'
2. Follow these steps to install and run MongoDB for the specific environment:  
'<https://docs.mongodb.com/guides/server/install/>'
3. Clone the project from '<https://github.com/ramya0311/IRS-PM-2021-01-16PT-GRP-FARY-HeyNurse>'
4. Install 'mongorestore' from '<https://docs.mongodb.com/database-tools/installation/installation/>'

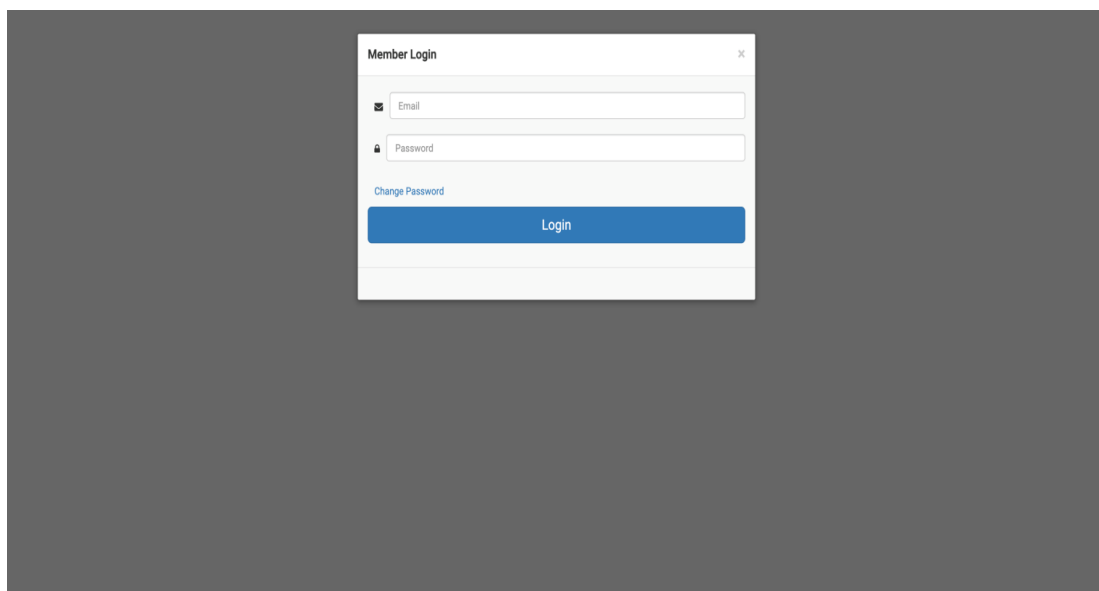
5. Start a terminal window and input in the following commands:

**mongorestore --port 27017 --db <destination database name> < your local path to the 'IRS-PM-2021-01-16PT-GRP-FARY-HeyNurse/Miscellaneous/PatientRequest' >**

### Installation Guide for Linux OS:

(Please note that this app cannot run Mac and Windows OS as Mycroft is not supported in those environments)

1. Open a terminal and navigate to 'IRS-PM-2021-01-16PT-GRP-FARY-HeyNurse/SystemCode/hey\_nurse' folder.
2. Run the following commands:
  - a. `pipenv sync`
  - b. `pipenv run python -m run --port 4433`
3. Open a terminal and navigate to 'IRS-PM-2021-01-16PT-GRP-FARY-HeyNurse/SystemCode/hey\_nurse/app/http/web-app' inside the 'hey-nurse' folder.
4. Run the following commands:
  - a. `npm install`
  - b. `ng serve`
5. Congratulations! Your installation is complete.
6. Open the URL 'http://localhost:4200' in your browser to view the application login screen as show in the picture below.



7. The login credentials are as follows:

Email : ramya3114@gmail.com  
Password : abcd

8. Open Mycroft in another terminal. And now you can send in your request in voice message and see the updates in the URL 'http://localhost:4200'. More functionalities are explained in the technical video.
  - `cd ~/mycroft-core`
  - `./start-mycroft.sh all`
  - `./start-mycroft.sh cli`