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**NIT6150 Advanced Project**

**User Manual**

**HealthCare Chatbot System**

**A hand holding a heart with a pulse line

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**Team Leader:** Jitendra Shrestha (s8104215)

**Team Member:** Pranish Acharya (s8100698)

**Client:** Holroyd Private Hospital

**Supervisor:** Fakhra Jabeen

VU Sydney

**Steps for installing the System**

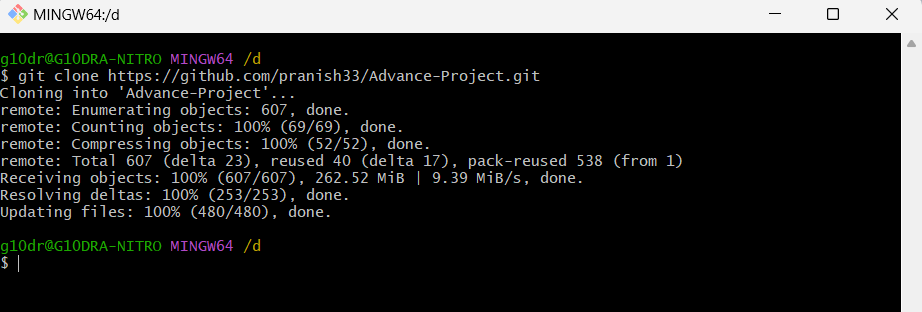
Clone the repo from provided link : <https://github.com/pranish33/Advance-Project.git>

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Open the local drive where the system will be cloned to and open git bash on it

***git clone https://github.com/pranish33/Advance-Project.git***



**Prerequisite**: python (3.8.0) is already setup successfully

To check

***python –version***

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**Open the cloned project and open and please open the command line from bash and do the following commands as shown below:**

Create environment using Python virtual environment

python -m venv ‘***environment\_name****’*

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Activate the virtual environment

source ‘***environment\_name***’ /Scripts/activate

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Install RASA Framework using Python 3.8.0

pip install rasa [‘full’]

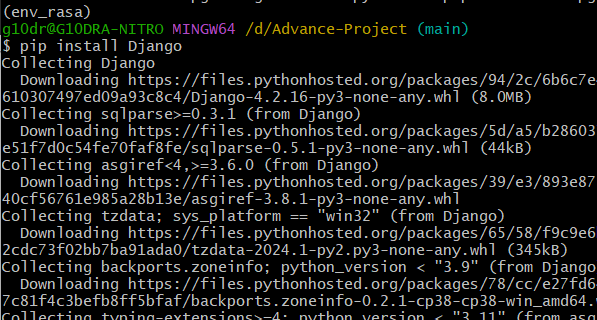
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***This will take time so please wait until it completes.***

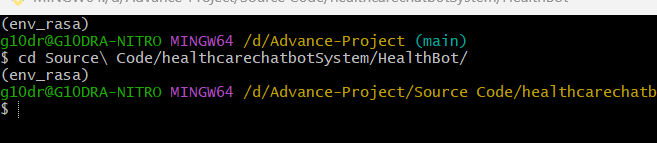
Install Django framework

pip install Django



Get into the chatbot folder

cd Source\ Code/healthcarechatbotSystem/HealthBot/



Train The model

rasa train

*This step is optional. As we have already trained the model that will take time for more accuracy. Also, if this command is done a new trained model will be used without any issue.*

Run the server

rasa run --enable-api –-cors=”\*”

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**For frontend we need to start different server**

Please open another terminal and activate the environment then follow below command

Run the frontend server

python manage.py runserver

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Then from the browser with server will be ready

Now the frontend server and backend is also ready so Please go to the below URL from any web browser.

**URL: localhost:8000**



If you can’t see the provided screen you might have to check it from the command line.

**Also check the chatbot**

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Also, we will be checking the database by logging in super user

**URL:** localhost:8000/admin

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Use the credentials of superuser

***Username****: admin*

***Password****: admin*

*A screenshot of a computer

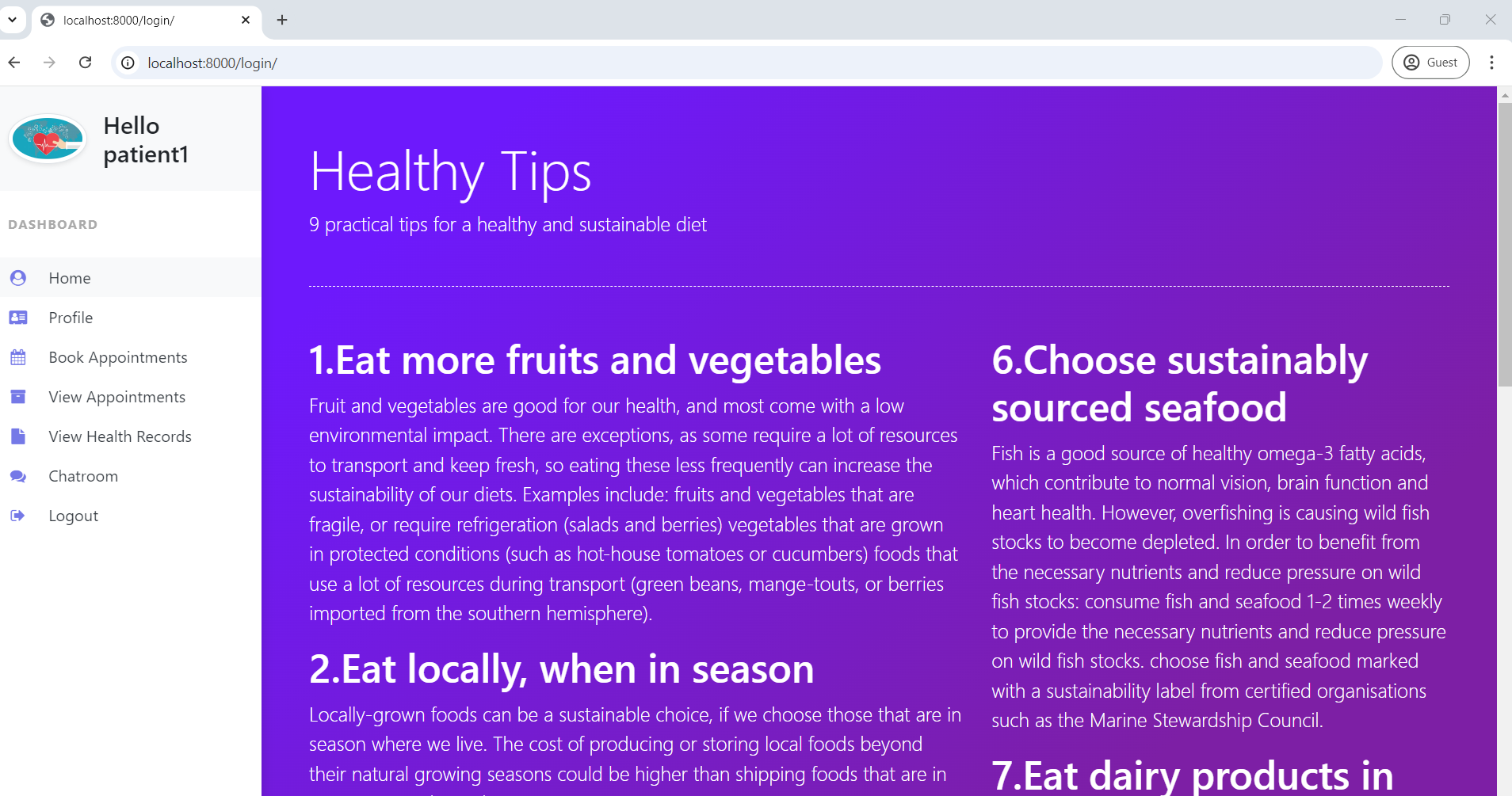
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The database is also working fine. So, try logging one through patient

**URL: localhost:8000**

***Username****: patient1@gmail.com*

***Password****: patient1*

**

*A screenshot of a computer

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By verifying all the subsystem, we can know that system has been correctly installed in your machine.

**Stop the system by closing both the terminal window when finished**

**Some of the errors might be occur if any step is not working fine**

o   **KI1:** Database issues:

**Solution**: Need to migrate the model

o   **KI2:** Version issues:

**Solution**:  Need to downgrade the python if there is using higher versions

o   **KI3:** Sever issues:

**Solution**: Server might not be listening from backend

o   **KI4:** Backend issues:

**Solution**: RASA might not be supporting currently installed python

Python is not correctly installed and not available in PATH

***Please reach out to the team using above known issues code. In case the known issues are not found please raise a case with the screenshot of error from the command line.***