Reportingbot.py Documentation

This python script is the script that will actually extract the patient details from the dicom files and will write it to the PostgreSQL database called botdb. This python script should be stored in the Scripts folder in the home directory of the EC2 instance that hosts Orthanc.

Imports

* Import sys
* Import pyorthanc
* Import psycopg2

The python file itself is extensively documented and each line is explained.

**TO DO:**

* Make sure that the cloud server’s URL, Username, and Password are not hardcoded. Place them in a text file or JSON file in the same directory as the python script and read them in the script.
* Write code to access the actual PostgreSQL database instead of the project level sqlite database of reporting-bot.
* Make sure that the required libraries pyorthanc and psycopg2 libraries are available to the script. Create a virtual environment in the Scripts directory if needed.
* Test thoroughly