Pharmacy Stock System – WHO/PNIPH Palestine Project with DHIS2 System

System Steps:

* Connect with local database
* Get category data [this data to mapping medication name with medication id on dhis2]
* Get event data from every organization from dhis2 by today date and return array
* If array empty will stop else will start store all data to local database
* After store all data to local database will start loop to update every event on capture app on dhis2

How to use system:

* Prefer install Linux server inside dhis2 server
* Must install MySQL database then set all credentials to python code
* Must install python3 to run python code
* Must install all library dependences you can find it on [project/requirement.py]
* Set cron job to run python code multi time on same day
* Prefer to setup this code as a service on Linux server
* Must add to cron job and service to set all running python code [job] to write to logs file

System needs:

* Prefer to make local connection between code server and dhis server to increase speed of request.
* API from dhis2 with admin user.
* Change program access to small list of organization just used to minimized loop.
* Backup service to make sure don’t lose local database.

System Configurations:

\*Configuration file path is (project/config.py)

* Change database information
* Change API information
* Change log file information

System Files:

* Main.py to run code step by step
* Config.py to store all configuration necessary for run code
* Requriment.py to install all python library to run code on server
* /Function folder store all functions used on code