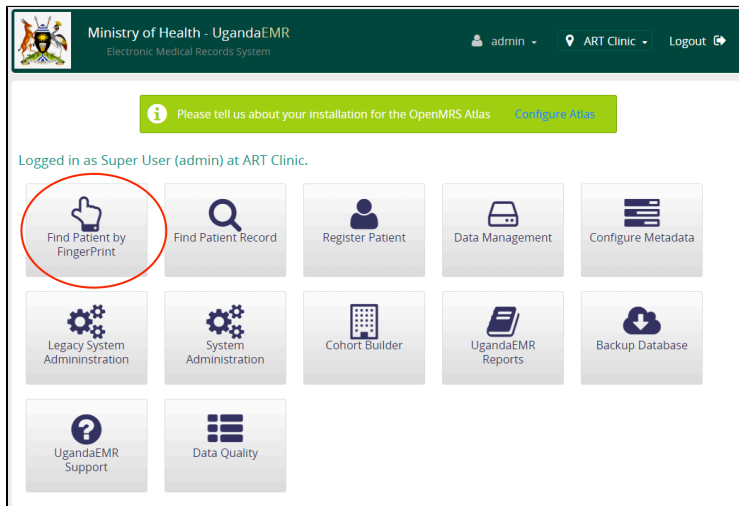


UgandaEMR FingerPrint Module



Overview

UgandaEMR Fingerprint module adds functionality of search and capture of patient fingerprints to any reference application distribution. The module is specific to one technology [Digital Persona 4500](#) from [Cross match](#).

Requirements

- OpenMRS 1.11.x+,2.0.x
- Digital Persona 4500
- Windows Platform for fingerprint SDK
- [Cross SDK From the digital persona portal](#)
- [Fingerprint web socket app](#)
- Fingerprint module

Using The fingerprint Module

In order to use the fingerprint module you need to have the fingerprint module uploaded into your distribution (You can get the latest release from [here](#)) also you need the fingerprint [web socket connector app](#) on the computer you intend to use for fingerprint identification.

Upload and Configuring fingerprint module

To Upload the module download the it from [here](#)

Go to Legacy system Admin >>Module management >>

Upload the Module.

Specify the socket which the fingerprint socket connector app is running on. You can do this by going to [OpenMRS localhost:8080/openmrs/admin/maintenance/settings.list?show=Ugandaemrfingerprint](#) if openmrs is on your localhost if not replace is with an ipaddress or domain. It should look like [http://localhost:8084](#) (8084 is default) you can change it basing on your specified socket as below .

How to Configure the web socket app

Download the connector folder from [Here](#)

In the connector folder there is fingerprintrun.bat file. Open it and configure it basing on specifications and needs

set serverIP="localhost" This is the address of the server which has openmrs running

set serverName="openmrs" This is the openmrs webapp name. Change it if you have it different other than openmrs

set socketPort="8084" This is the socket port which the websoketapp will run on. **Note:** It should be different from the port openmrs is running on.

set serverMysqlUsername="openmrs" mysql username on which the openmrs is using to access mysql

set serverMysqlPassword="openmrs" mysql password on which the openmrs is using to access mysql

Please Note: if openmrs is on a different server make sure that the client has ability to access mysql remotely. [See this on how to enable mysql remote access](#)

Watch Video below to learn how fingerprint is used.

Repositories

[Fingerprint Web-socket connector](#)

[FingerPrint Module](#)

SNAPSHOT VERSIONS

1.0.1-SNAPSHOT

1.0.4-SNAPSHOT

1.0.5-SNAPSHOT

1.0.6-SNAPSHOT

1.0.7-SNAPSHOT

Release Notes

[Latest Release 1.0.4](#)

Previous Releases

- [1.0.1](#)

About

This module was developed by The [METS Program](#) for UgandaEMR Implementation.