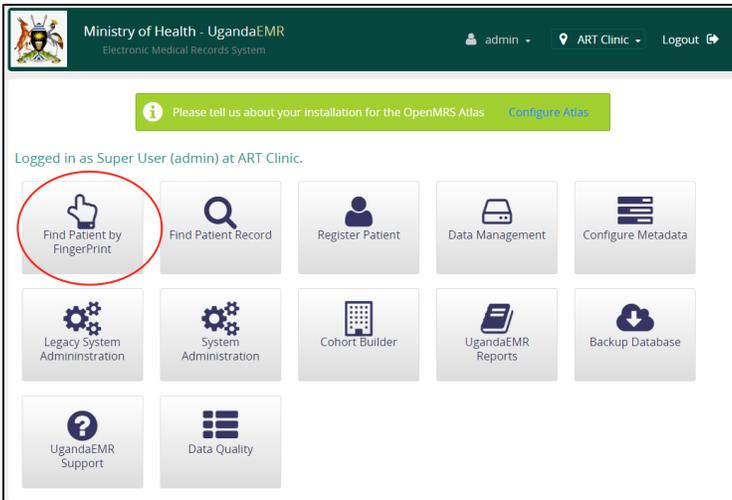


UgandaEMR FingerPrint Module



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 bassing 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.