

MEIS

Documentation

What is MEIS

- MEIS is abbreviation of Monitoring and Evaluation Information System.
- It is a web based application mainly for PrEP data collection.
- It is designed and developed to be implemented locally (in facility local server)

Why MEIS?

- This web application serves as local PrEP database.
- It also help in collecting and reporting of PrEP data.
- Digitize paper PrEP paper forms.

Minimum requirements for installing MEIS

- Local Computer (Windows OS installed)
- RAM of at least 2 GB
- Storage HDD of at least 90 GB free space

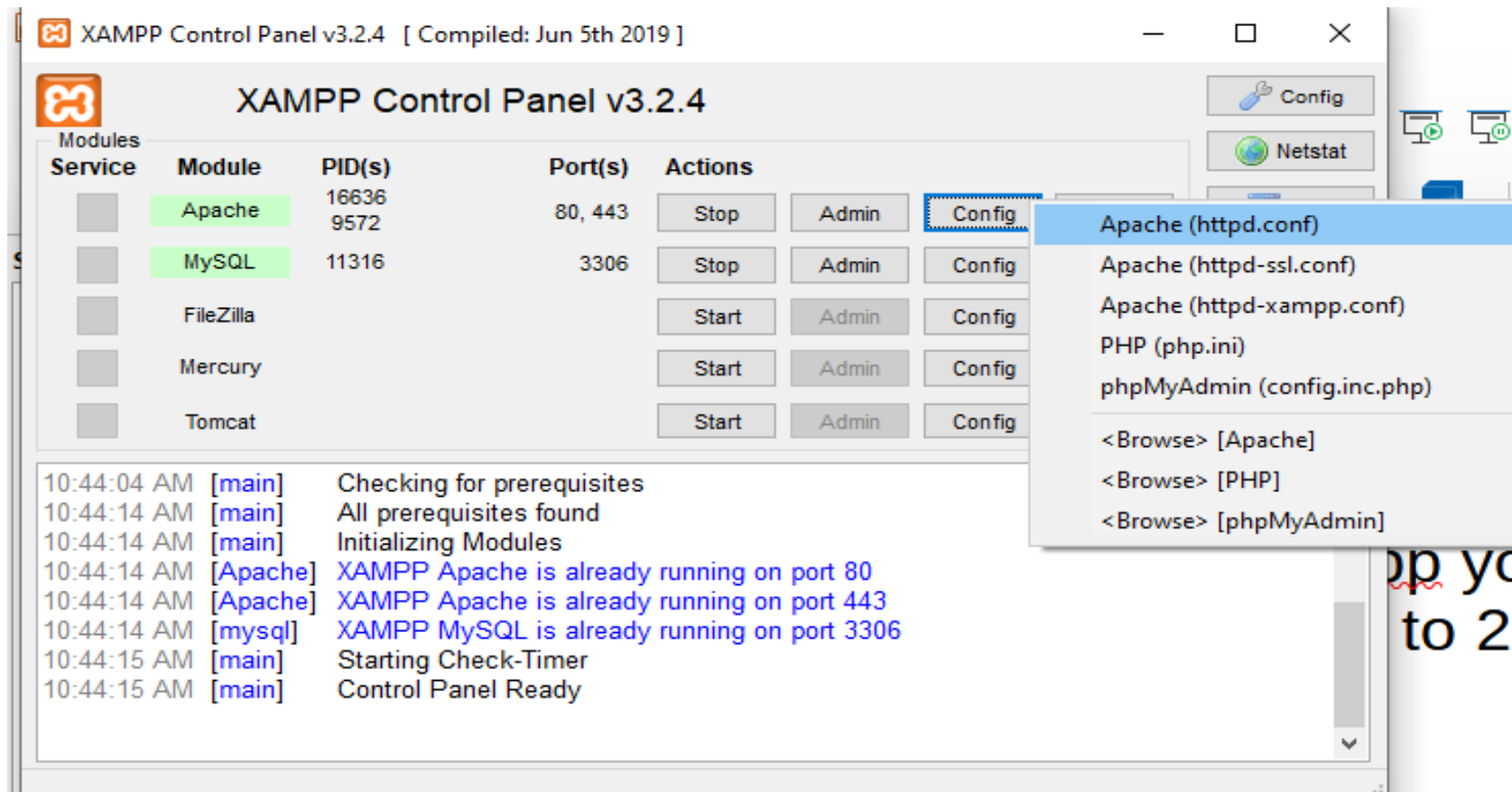
How to install MEIS

- Download xampp in your computer. You can use link.
<https://www.apachefriends.org/download.html>
- After setup has been downloaded successfully install the setup by follow instructions provided by setup.

Change Apache port number

- After you have installed xampp you need to change apache port number to 2021.
- Open xampp controll panel
- Click Config in apache then Apache httpd.config
-

How to change port apache port number



The screenshot displays the XAMPP Control Panel v3.2.4 interface. At the top, the title bar reads "XAMPP Control Panel v3.2.4 [Compiled: Jun 5th 2019]". Below the title bar, the main window is titled "XAMPP Control Panel v3.2.4". On the right side of the window, there are buttons for "Config" and "Netstat". The central part of the window features a table with the following columns: "Service", "Module", "PID(s)", "Port(s)", and "Actions". The table lists several services: Apache (PID 16636, 9572, Ports 80, 443), MySQL (PID 11316, Port 3306), FileZilla, Mercury, and Tomcat. Each service has a "Start", "Stop", and "Admin" button. The "Config" button for Apache is highlighted, and a dropdown menu is open, showing the following options: "Apache (httpd.conf)", "Apache (httpd-ssl.conf)", "Apache (httpd-xampp.conf)", "PHP (php.ini)", "phpMyAdmin (config.inc.php)", "<Browse> [Apache]", "<Browse> [PHP]", and "<Browse> [phpMyAdmin]". At the bottom of the window, there is a log area showing the following messages: "10:44:04 AM [main] Checking for prerequisites", "10:44:14 AM [main] All prerequisites found", "10:44:14 AM [main] Initializing Modules", "10:44:14 AM [Apache] XAMPP Apache is already running on port 80", "10:44:14 AM [Apache] XAMPP Apache is already running on port 443", "10:44:14 AM [mysql] XAMPP MySQL is already running on port 3306", "10:44:15 AM [main] Starting Check-Timer", and "10:44:15 AM [main] Control Panel Ready".

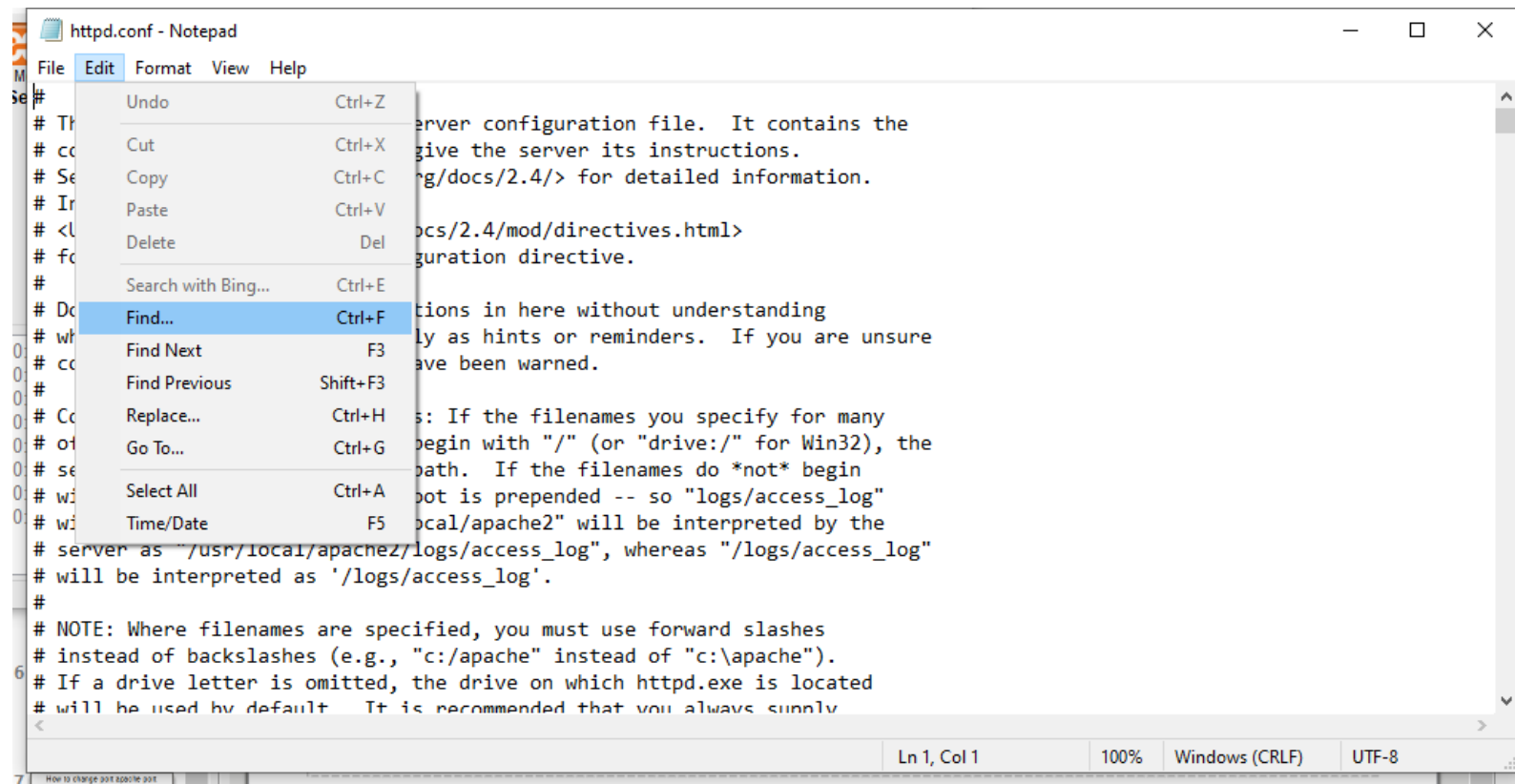
Service	Module	PID(s)	Port(s)	Actions
<input type="checkbox"/>	Apache	16636 9572	80, 443	Stop Admin Config
<input type="checkbox"/>	MySQL	11316	3306	Stop Admin Config
<input type="checkbox"/>	FileZilla			Start Admin Config
<input type="checkbox"/>	Mercury			Start Admin Config
<input type="checkbox"/>	Tomcat			Start Admin Config

10:44:04 AM [main] Checking for prerequisites
10:44:14 AM [main] All prerequisites found
10:44:14 AM [main] Initializing Modules
10:44:14 AM [Apache] XAMPP Apache is already running on port 80
10:44:14 AM [Apache] XAMPP Apache is already running on port 443
10:44:14 AM [mysql] XAMPP MySQL is already running on port 3306
10:44:15 AM [main] Starting Check-Timer
10:44:15 AM [main] Control Panel Ready

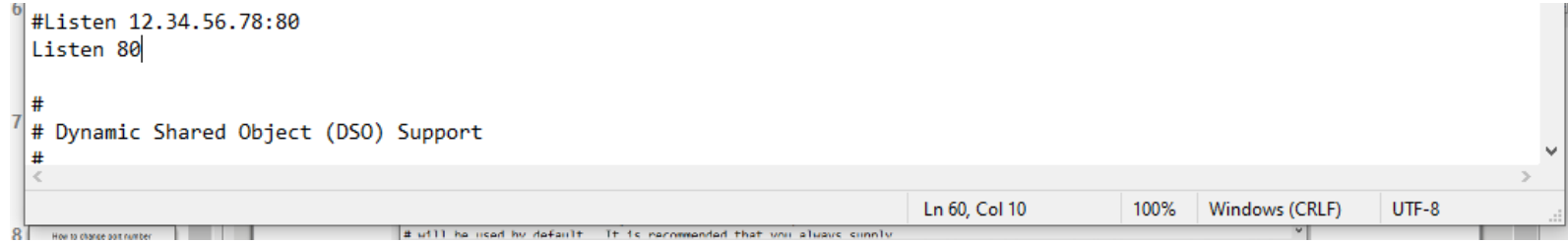
How to change port number

- Text file will open.
- Click Edit > Find
- Type Listen and press enter
- You will see Listen with port number 80
- Change 80 to 2021 and save and close the note pad.

How to change apache port number



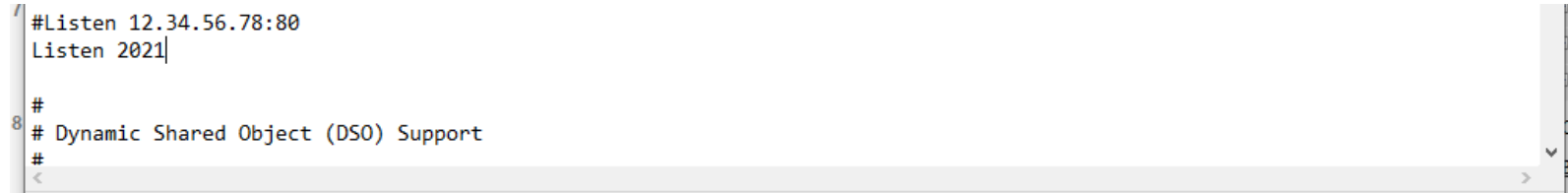
How to change port number



A screenshot of a text editor window. The editor has a light gray background and a dark gray border. The text is as follows:

```
6 #Listen 12.34.56.78:80
  Listen 80|
#
7 # Dynamic Shared Object (DSO) Support
#
#
#
Ln 60, Col 10 100% Windows (CRLF) UTF-8
```

The cursor is at the end of the line "Listen 80". The status bar at the bottom shows "Ln 60, Col 10", "100%", "Windows (CRLF)", and "UTF-8".



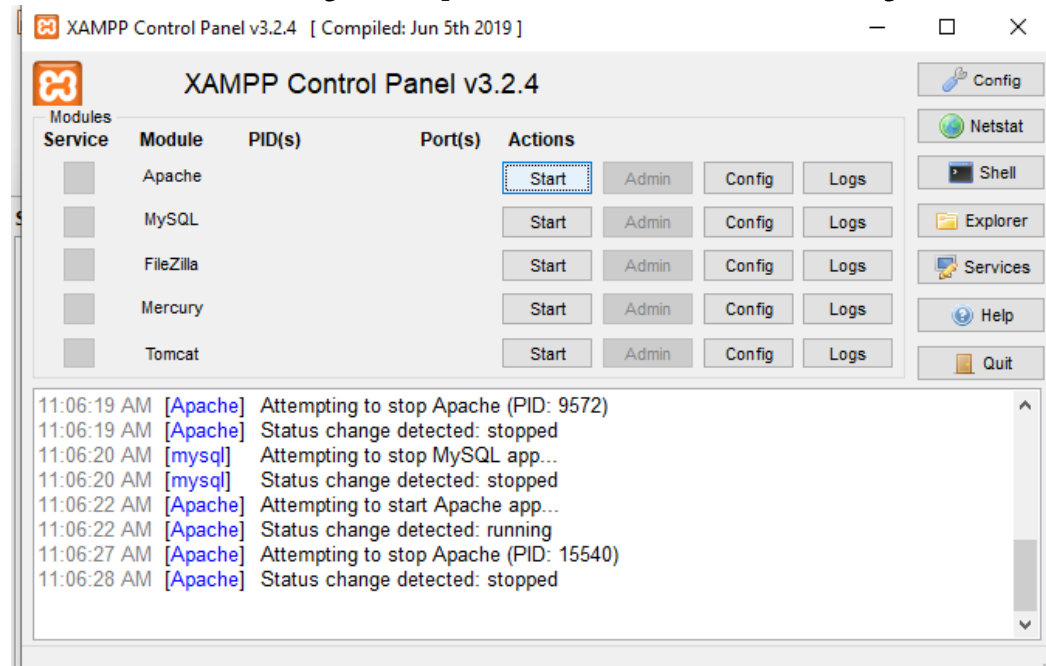
A screenshot of a text editor window, similar to the one above. The text is as follows:

```
7 #Listen 12.34.56.78:80
  Listen 2021|
#
8 # Dynamic Shared Object (DSO) Support
#
#
#
```

The cursor is at the end of the line "Listen 2021". The status bar at the bottom shows "Ln 60, Col 10", "100%", "Windows (CRLF)", and "UTF-8".

How to install MEIS

- After you have changed port number to 2021. Start Apache and mysql services by click start buttons.





meis-master.zip
19.4 KB



Go to Settings to activate Windows.

Show all



Type here to search



24°C Sunny



11:16 AM
6/21/2022



htdocs

File

Home

Share

View



This PC > Local Disk (C:) > xampp > htdocs >

★ Quick access

Desktop

Downloads

Documents

Pictures

manuals

meis

Pics for website

The Vault (2021) [72]

OneDrive

This PC

Network

Name

Date modified

Type

@core

1/13/2021 7:00 PM

File folder

Admin

11/25/2020 1:51 PM

File folder

backup

3/5/2021 4:02 PM

File folder

cms

4/16/2021 9:52 AM

File folder

cms1

4/15/2021 9:54 PM

File folder

dashboard

12/14/2020 10:12 ...

File folder

filter

6/18/2022 11:56 AM

File folder

fms

3/16/2021 7:13 PM

File folder

hr new

2/17/2021 12:38 PM

File folder

img

12/14/2020 10:12 ...

File folder

learning

3/5/2021 11:32 AM

File folder

manuals

6/17/2022 4:37 PM

File folder

mdh

2/18/2021 1:41 PM

File folder

mdh_tabora

4/13/2021 8:39 AM

File folder

meis

6/20/2022 7:47 PM

File folder

meis_new

6/16/2022 4:29 PM

File folder

meis_old

6/16/2022 4:09 PM

File folder

OnlineTAF

2/15/2021 9:00 PM

File folder

How to install MEIS

- Download meis folder from link below
- <https://github.com/Management-and-Development-for-Health/meis/archive/refs/heads/master.zip>
- Unzip the folder and copy the main folder named meis into below file directory.
- Local disk C > xampp > htdocs

Create meis localhost database

- Open browser of your choice and browse.
<http://localhost:2021/phpmyadmin/index.php>
- Navigate to scripts located at top navigation panel where you will have space for mysql scripts.
- Open script using any text editor you have for example note pad. The file is located at your meis directory.
- Copy all mysql scripts from the file and paste them here.
- Click Go to execute your scripts.

phpMyAdmin



Recent Favorites

- New
- cms
- database
- db_crm
- fms
- hr
- information_schema
- inventory
- laravel
- login
- mania
- mdh
- meis
 - New
 - backup
 - cities
 - clients
 - councils
 - facilities
 - providers
 - users

Server: 127.0.0.1

Databases SQL Status User accounts Export Import Settings Replication Variables Charsets More

Run SQL query/queries on server "127.0.0.1":

```
1 -- phpMyAdmin SQL Dump
2 -- version 5.1.0
3 -- https://www.phpmyadmin.net/
4 --
5 -- Host: 127.0.0.1
6 -- Generation Time: Jun 18, 2022 at 01:16 PM
7 -- Server version: 10.4.18-MariaDB
8 -- PHP Version: 7.4.18
9 CREATE DATABASE meis;
10 SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";
11 START TRANSACTION;
12 SET time_zone = "+00:00";
13
```

Clear

Format

Get auto-saved query

☐ Bind parameters

Bookmark this SQL query:

[Delimiter ;]

☐ Show this query here again

☐ Retain query box

☐ Rollback when finished

☒ Enable foreign key checks

Go

Console

meis-master.zip
Cancelled

Activate Windows

Go to Settings to activate Windows.

Show all

x

How to use create MEIS account

- Open your browser and navigate to this link
- <http://localhost:2021/meis/>
- Create account by click don't have account link.
- Fill the required fields, username, password and confirm password.
- Click sign up
- Use the same details you have inserted to login.

MEIS

Username

Password

Sign In

Dont have an Account?

Activate Windows

Go to Settings to activate Windows.

Show all

meis-master.zip
Cancelled

MEIS

Username

Password

Confirm Password

Sign Up

Already have an Account?

meis-master.zip
Cancelled

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Go to Settings to activate Windows.
[Show all](#)



localhost / 127.0.0.1 | phpMy



Login



How to start Apache and MySQL



emziray/meis



Donate to LibreOffice | LibreOffice



localhost/meis/index.php



MEIS

Username

emziray

Password

.....

Sign In

Dont have an Account?



meis-master.zip

Cancelled



Activate Windows

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Show all



Type here to search



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11:42 AM
6/21/2022

MEIS Dashboard

- After successfully login into meis. You will be redirected to dahsboard.
- You can filter dahsboard data within date range of your choice.
- Dashboard displays only summary of the data depending on the available data.

localhost / 127.0.0.1 | phpMy x

MEIS Dashboard x

How to start Apache and My x

emziray/meis x

Donate to LibreOffice | Libre x

+ v -

localhost/meis/dashboard/

localhost/meis/dashboard/

MEIS

emziray

Emziray

Summary

Dashboard

Essentials

Data Entry

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Backup

meis-master.zip

Cancelled

From

mm/dd/yyyy

To

mm/dd/yyyy

Show Data

Reset

752

Clients

Total clients

7

PrEP New

June, 2022

138

PrEP CT

June, 2022

2

Providers

Registered Provider

PrEP New

7

Based on KVP groups

[Export patient level data](#)

FSW	MSM	Discordant Couples	AGYW	PWID	Risk Men
5	0	1	0	0	0

Export patient level data to verify

PrEP CT

138

Based on KVP groups

[Export patient level data](#)

FSW	MSM	Discordant Couples	AGYW	PWID	Risk Men
108	2	1	11	5	2

Export patient level data to verify

Activate Windows

Go to Settings to activate Windows.

Show all

Type here to search

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11:49 AM


6/21/2022


Data Entry

- Within this section we have three available forms
- **Client form:** This is the form which allows you to register new clients by providing information as demanded by system.
- **Screening form:** This allows you to assign kvp group to a client after registration. UIC number it will automatically been placed after you have successfully register client
- **Visit form:** Within this section you will be able to add clients visits by searching clients uic number and add all required visits.

Client form

MEIS

 emziray

 Emziray

Summary

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New Client

Screening

Visit

Tables

Reports

Register New Client

Please fill all required fields

Firstname

Enter Firstname

Middle Name

Enter Middlename

Last name

Enter Lastname

Gender

☐ Male ☐ Female

Place of Birth

Date of Birth

mm/dd/yyyy


Submit


Activate Windows

Screening Form

MEIS

≡

 emziray ▾

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Summary

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New Client

Screening

Visit

Tables

Reports

Screen Client

UIC


AM-TU-TAB-2-12-86 ▾

KVP Group

Submit

Activate Windows

Visit Form



Emziray ▾

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v.1.1.1

PrEP Form

Jaza Taarifa zote kwa umakini

1. Taarifa za Awali (1-7)

2. Utambuzi wa magonjwa (8-13)

3. Uchunguzi wa PrEP (14-19)

4. Udhurio Lijalo (20-27)

UIC	Mahali	Tarehe ya Hudhurio	Aina ya Hudhurio la Mteja
	<div>Chagua ▾</div>	<div>mm/dd/yyyy</div> <div></div>	<div>Chagua ▾</div>
Ampima na Kupokea Majibu	Kama majibu ni chanya ameandikishwa CTC		Hali ya PrEP Katika hudhurio
<div>Chagua ▾</div>	<div>Chagua ▾</div>	<div>Chagua ▾</div>	

Activate Windows
Go to Settings to activate Windows.



Type here to search




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12:13 PM
6/21/2022

Tables

- In MEIS we have three tables; client Info, visits, and providers
- Clients table shows list of all available clients.
- Visits table shows all visits grouped by uic
- Providers table show all available providers with option to add new provider.

Client Info Table


Emziray ▾

Summary

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Tables -

Clients Info

Client Visits

Providers

Reports

Exports +

Registered Clients

Copy







CSV

Excel

PDF

Print

Search:


File Number	Fullname	UIC	Age	Registration Date	KVP Group	Action
	YUSUPHU RAMADHANI	HU-NI-TAB-14-88	34	2022-01-10	Dsicordant Couple	
0018	SADA IDD	DA-DD-TAB-2-09-95	27	2021-06-21	FSW	
0040	LETICIA RAJABU	IA-BI-TAB-2-10-00	22	2021-06-21	FSW	
0139	ESTHER RICHARD	ER-RD-KAG-2-28-98	24	2021-06-21	Discordant Couple	
05	YUDA BUGEZA	DA-LA-KIG-1-06-98	24	2021-07-28	MSM	
10	VEREDIANA ORIO	NA-IO-TAB-2-02-00	2021	2021-07-02	FSW	

Type here to search

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12:20 PM

Visits table



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Summary

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Tables -

Clients Info

Client Visits

Providers

Reports

Exports +

Clients Visits

Show 10 ▾ entries

Search:


UIC	KVP Group	Age	First Visit Date	Pills Taken	Next Visit	Action
A -GO-TAB-2-16-92	FSW	30	07, February, 2022	30	07, March, 2022	
AH-DI-MWA-2-19-02	FSW	20	12, May, 2022	30	12, June, 2022	
AH-GA-MWA-2-12-99	Dsicordant Couple	23	24, May, 2022	30	24, June, 2022	
AH-NI-MOS-2-01-97	FSW	25	02, March, 2022	90	03, May, 2022	
AH-NI-TAB-2-12-96	FSW	26	25, April, 2022	60	26, June, 2022	
AH-NI-TAB-2-18-00	FSW	22	22, September, 2020	30	20, October, 2020	
AH-SI-TAB-2-10-96	FSW	26	02, June, 2022	30	02, July, 2022	
AL-ED-KIG-1-15-90	Risk Men	32	23, February, 2021	30	23, March, 2021	

12:25 PM
6/21/2022


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
Providers Tables



Emziray ▾

Summary


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Maintenance

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v.1.1.1

Registered Clients

[Add Provider](#)[Copy](#)[CSV](#)[Excel](#)[PDF](#)[Print](#)Search:

Fullname ↑↓	Phone ↑↓	Date of Birth ↑↓	Registration Date ↑↓	Action ↑↓
Felista Zuberi	0758698033	1980-04-23	2022-06-20	Edit
John Msechu	0758698022	1995-04-22	2022-06-20	Edit
Fullname	Phone	Date of Birth	Registration Date	Action

Showing 1 to 2 of 2 entries

[Previous](#)[1](#)[Next](#)

Activate Windows
Go to Settings to activate Windows.




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12:29 PM
6/21/2022




Add Provider



Emziray ▾

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v.1.1.1


Add Provider

Firstname	Middle Name	Last name
<input type="text" value="Enter Firstname"/>	<input type="text" value="Enter Middlename"/>	<input type="text" value="Enter Lastname"/>
Gender	Phone	Date of Birth
<input type="radio"/> Male <input type="radio"/> Female	<input type="text" value="Enter Phone"/>	<input type="text" value="mm/dd/yyyy"/> 


Submit

Activate Windows
Go to Settings to activate Windows.


Edit Provider



Emziray ▾

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v.1.1.1

Edit Provider

Firstname	Middle Name	Last name
<input type="text" value="Felista"/>	<input type="text" value="Mark"/>	<input type="text" value="Zuberi"/>
Gender	Phone	Date of Birth
<input type="radio"/> Male <input type="radio"/> Female	<input type="text" value="0758698033"/>	<input type="text" value="04/23/1980"/> 

Update

Activate Windows
Go to Settings to activate Windows.



How to Export Patient Level Data

- Navigate to Export > Individual data
- Select Data group of your choice (Client, PrEP New or PrEP CT)
- Select Date range.
- Click Export to export data to CSV



Emziray ▾

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Filter Report

Data Group

PreP CT ▾

From

06/01/2022



To

06/30/2022

[Export Excel](#)

Activate Windows

Go to Settings to activate Windows.

[Show all](#)

PrEP CT20220621.csv ^



Type here to search




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12:40 PM
6/21/2022

How to Download Backup


- Navigate to Backup > offline backup and then click download backup
- Save your sql file at directory where you can access it at any time.


Emziray 

Summary


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Maintanance

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Offline Backup

Offline Backup

[Download Backup](#)

How to Update your profile

- Navigate to your username top right corner > profile.
- Click Edit button and Fill all fields respective and submit .