OpenEMR Analysis

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At first, I thought that we can just operate OpenEMR by downloading and unzipping files such as other applications.

1. Follows <http://www.open-emr.org/wiki/index.php/OpenEMR_Installation_Guides>
2. Download  [xampp-openemr-4.2.2.zip](http://downloads.sourceforge.net/openemr/xampp-openemr-4.2.2.zip)  file from

<http://www.open-emr.org/wiki/index.php/OpenEMR_4.2.1_XAMPP_Package_Installation>

1. Extract to C:
2. Download Openemr-4.2.1.zip from

<http://www.open-emr.org/wiki/index.php/OpenEMR_4.2.1_Windows_Installation>

1. Extract Openemr-4.2.1 on C:\xampp\htdocs
2. Run C:/xampp/xampp-control as Administrator
   1. Got error about Authorization because I didn’t run it as administrator
3. Click the red X to left of Apache
4. Click the red X to left of MySQL
   1. Got error about MySQL doesn’t have all prerequisites, so redownloaded MySQL
   2. Got error about MySQL port 3306 is already in use
      1. Changed port name 3306 on “my.cnf” into 3307
5. Connect to <http://localhost/openemr>
   1. Got error about

**Notice**: Undefined index: state in **C:\xampp\htdocs\openemr\setup.php** on line **14**  
  
**Notice**: Undefined index: iuser in **C:\xampp\htdocs\openemr\library\classes\Installer.class.php** on line **13**  
  
**Notice**: Undefined index: iuserpass in **C:\xampp\htdocs\openemr\library\classes\Installer.class.php** on line **14**  
  
**Notice**: Undefined index: iuname in **C:\xampp\htdocs\openemr\library\classes\Installer.class.php** on line **15**  
  
**Notice**: Undefined index: iufname in **C:\xampp\htdocs\openemr\library\classes\Installer.class.php** on line **16**  
  
**Notice**: Undefined index: igroup in **C:\xampp\htdocs\openemr\library\classes\Installer.class.php** on line **17**  
  
**Notice**: Undefined index: server in **C:\xampp\htdocs\openemr\library\classes\Installer.class.php** on line **18**  
  
**Notice**: Undefined index: loginhost in **C:\xampp\htdocs\openemr\library\classes\Installer.class.php** on line **19**

* + 1. Changed values on “php.ini” file into

short\_open\_tag = Off

max\_execution\_time = 60

max\_input\_time = 90

max\_input\_vars = 3000

memory\_limit = 128M

display\_errors = Off

log\_errors = On

register\_globals = Off

post\_max\_size = 30M

file\_uploads = On

upload\_max\_filesize = 30M

error\_reporting = E\_ALL & ~E\_NOTICE & ~E\_STRICT

1. OpenEMR setup 1: Check “Have setup create the database” and click continue
2. OpenEMR setup 2
   1. change MySQL port into 3307
   2. insert my password into MySQL server password, RootPass, initial User Password
      1. got error about connecting to MySQL Server
      2. changed MySQL root password by making file;

C:\mysql-init.txt

ALTER USER 'root'@'localhost' IDENTIFIED BY 'MyNewPass';

and used command

C:\> cd "C:\Program Files\MySQL\MySQL Server 5.7\bin"

C:\> mysqld --init-file=C:\\mysql-init.txt

C:\program files\MySQL\Mysql server 5.bin

* + 1. got error about database Name is already used
    2. changed MySQL database name into “kanhyuk” (my own ID)

1. Press continue until final installation screen
2. Setup username and password for OpenEMR
3. Login to OpenEMR with my username and password

Download XAMPP

Download OpenEMR

Put OpenEmr into XAMPP

Run Apache & MySQL with XAMPP

Connect to localhost

Rails s

Added new random patient and played with it

‘make schedule = when you press time, popup comes out and you can make detail appointment

Add new patient = press new patient

Message = communicate with patient with message

Patient/Client = Patient history, order

We can change layouts, password, and upload new files

Manage patient

Make appointment