Anti-Retroviral Dispensing Tool Installation Guide

(ADT)

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Anti-retroviral Dispensing Tool (ADT)

1. System Requirements

Your computer system should conform to the following requirements for a successful installation:

1.1.Microsoft Windows

- Windows XP, Windows 7, Windows 8/8.1
- At least 2GB RAM
- At least 2GB available disk spaces

2. Installation Requirements

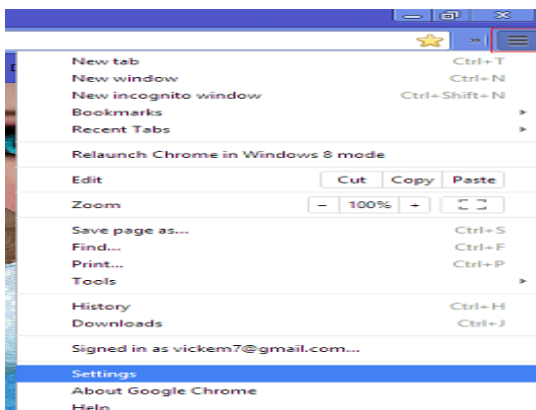Here are the folders you require to install and set up ADT in your machine.

📁 1.Web Server
📁 2.Database Server
📁 3.Migration Process
📁 4.Advanced Migration
📁 5.Ordering Templates
📁 6.Required Software
📁 7.Additional Software
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2.1   Chrome installation

Skip this step if you already have chrome installed in your computer.

If you do not have chrome installed:

- ➢ Open the chrome portable folder in the Required Software folder.
- ➢ Double click on the '***google_chrome_installer_21.0.1180.79'*** to install.
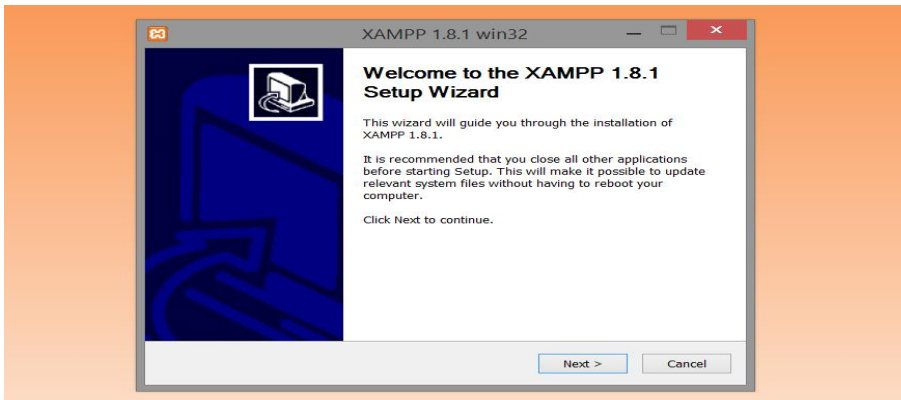- ➢ Go to settings to set it as the default browser.

2.2 Web server

This folder consists of xampp folder and a php file.

Xampp Installation

- Open the Xampp folder.
- Double click on '*xampp-win32-1.8.1-VC9-installer'* file to start the installation. Follow the installation instructions.


- When the installation is complete, a window will pop up prompting you to open xampp control panel. Click **YES** to open.
  Note: Xampp control panel is an interface that allows you to start your xampp modules.
- Install the Apache and MySQL service. Windows security will alert you to **allow access** the servers on your local network.
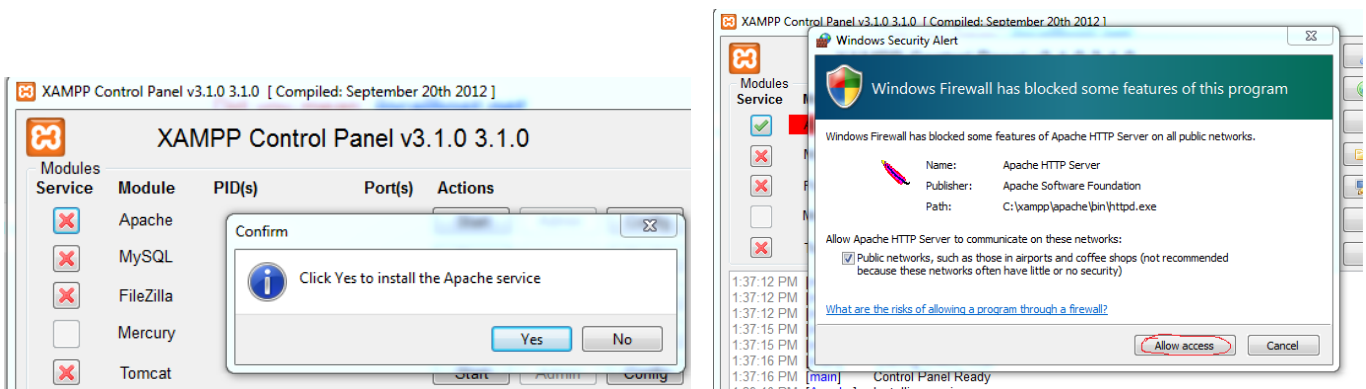
In case you encounter an error starting Apache service, you are required to change the administrative permissions as shown in the errors section, **Error 1.** Restart your computer after you are done.

➢ Click **start** button next to Apache and MySQL to start the module.
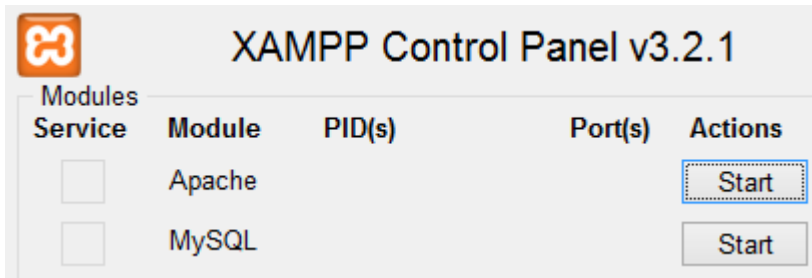
➢ After a few minutes, the PID/Port information will be displayed indicating that the module is running. The button will now be labeled **stop.**
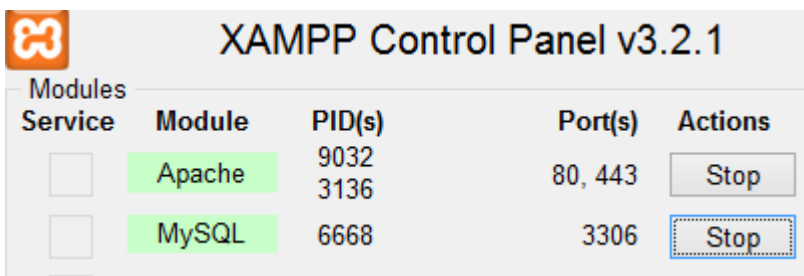
➢ Copy the '**php'** file from the web server folder and paste it in `C:\xampp\php` in your computer. Copy and replace the php file in the destination folder.

➢ Open chrome browser and type in `http://localhost/xampp/`

➢ Click security on the side menu.

➢ Click **http://localhost/security/xamppsecurity.php** in the security page

➢ Set '**root**' as the password and click password changing button.

2.3   Database Server
This folder has the '**defaultadt.sql** 'file.

➢ In your browser type in `http://localhost/phpmyadmin/`

➢ You will be prompted to log in. Enter 'root' as your password.

- ➢ Click databases on the menu
- ➢ Create a database named '**testadt**'

- ➢ In the list of databases, click testadt.

- ➢ Click import on the menu.
- ➢ Click the 'Choose File' button to select the '*defaultadt.sql*' file in the database server folder.
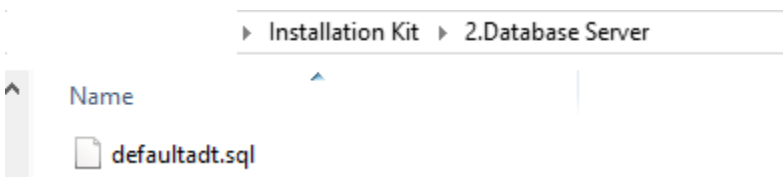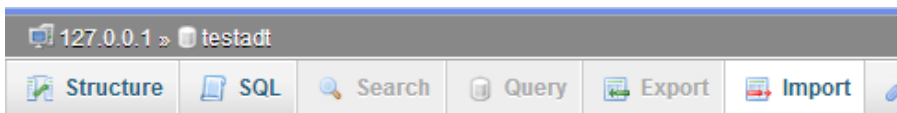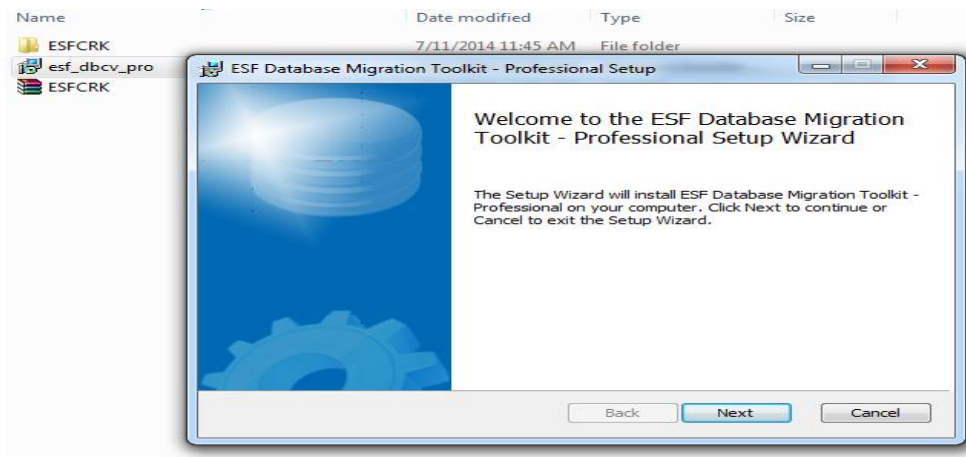
> Once the file uploads click 'GO' at the bottom of the page. Wait for importation to complete.

2.4   Htdocs

This folder has ADT and UPDATE folders. Copy the two folders in `C:\xampp\htdocs`.
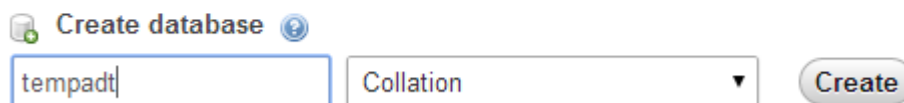
2.5   Migration Process

> Open the ESF Database Migration Toolkit.

> Double click on the '*esf_dbcv_pro*' file to start the installation. Follow instructions.

> Open ESFCRK folder and copy the '*cvdb.dll*' file and the '*esfdbcv*' application*.*

> Open the EasyFromTrial folder in `C:\Program Files (x86)`. Paste the '*cvdb.dll*' file and the '*esfdbcv*' application.

> Create a new database named '**tempadt**'.

> Open the ESF Database Migration Toolkit application on the desktop and click next

➢ Choose a data source. Select 'Microsoft Access'. Click the button next to the database field to choose the ARVDatabase from the location it is stored in. Click next.
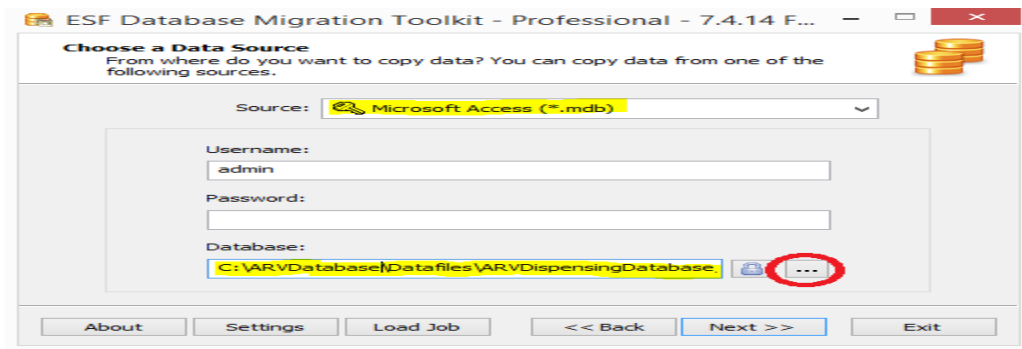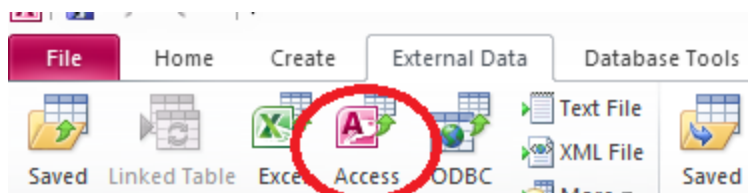

NOTE: if the facility has a backup up database that need to be merged with the main database, follow these instructions before choosing a data source as above.
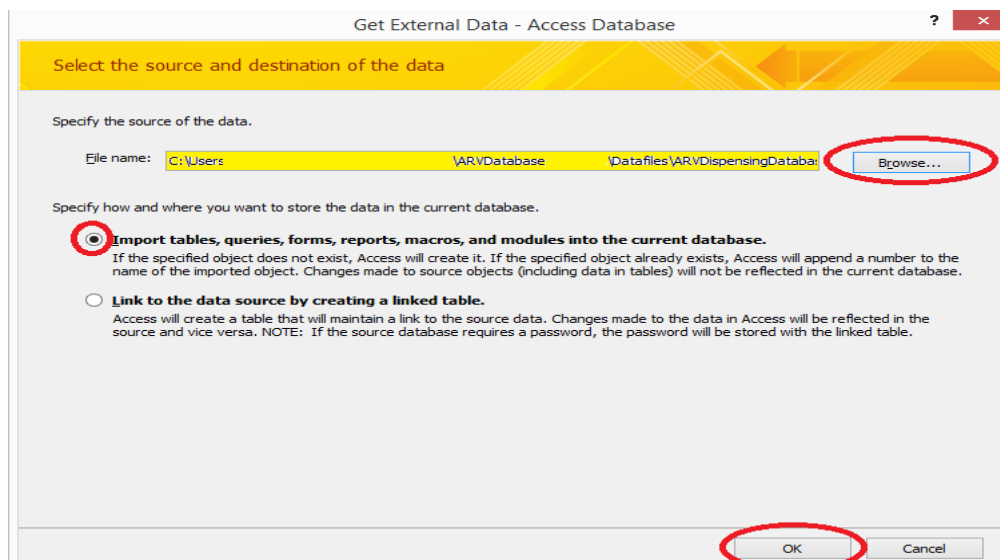
o Open your current ARVDatabase which you want to merge with the backup database.
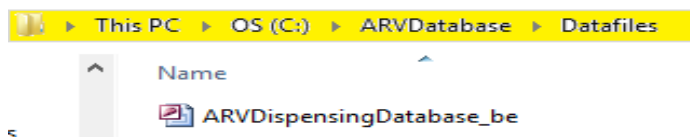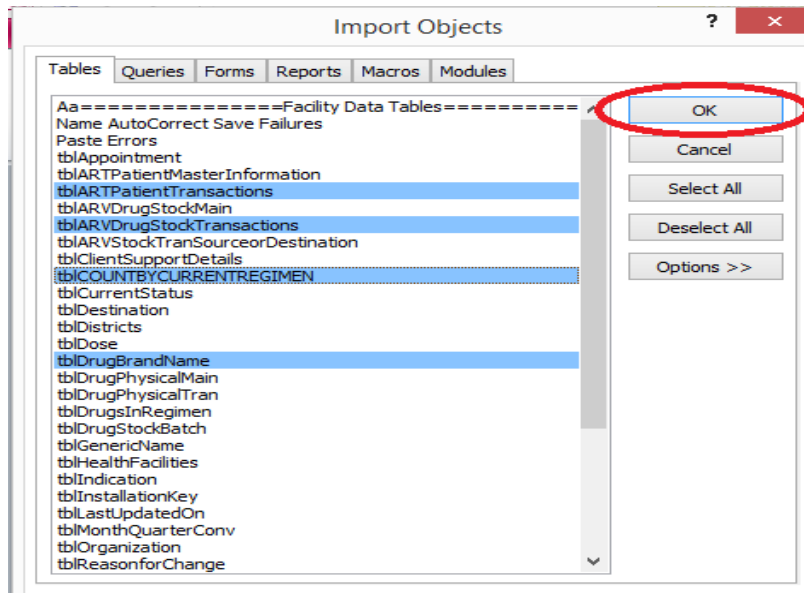

o On the toolbar, select the 'External Data' tab to access import options. Click 'Access' to open the 'Import wizard'

o Locate the backup database you want to import by clicking 'browse' on the 'Import Wizard'. Click 'OK'.

o An 'import objects' window will pop. Select the tables you want to merge and click 'OK' to complete importation.
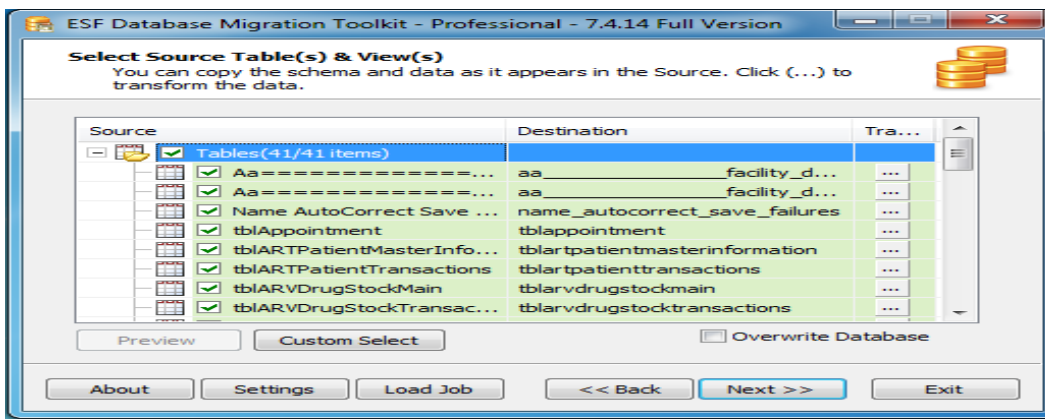

In case of a 'Save Imports Steps' pop up, close the window and continue with the migration of the database.

➢ Choose a destination. Select 'MySQL Database'.
➢ In the password field type your localhost password, that is, 'root'. This allows access to your list of databases.
➢ Select 'tempadt' from the list as your database. Click next.
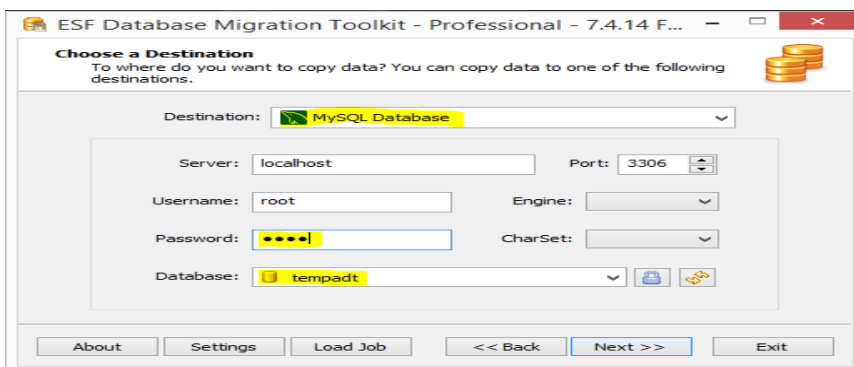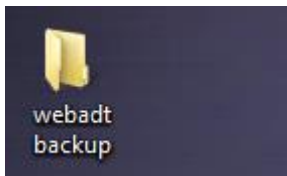

➢ Select all tables and click next.

- Click the submit button to start migration. Close when migration is complete.
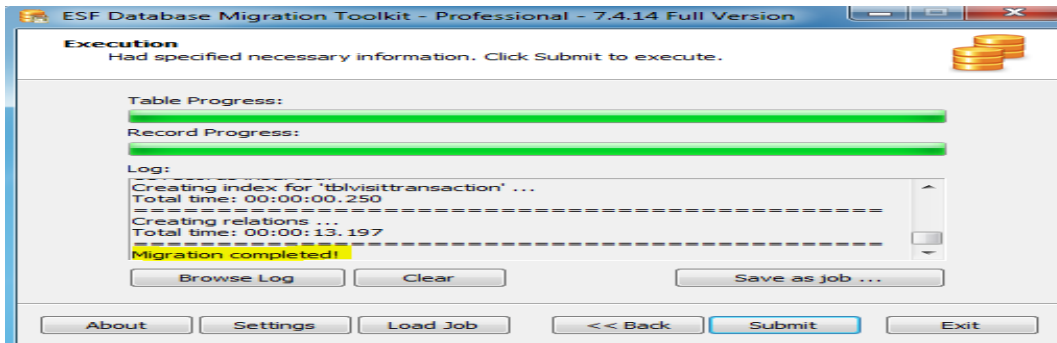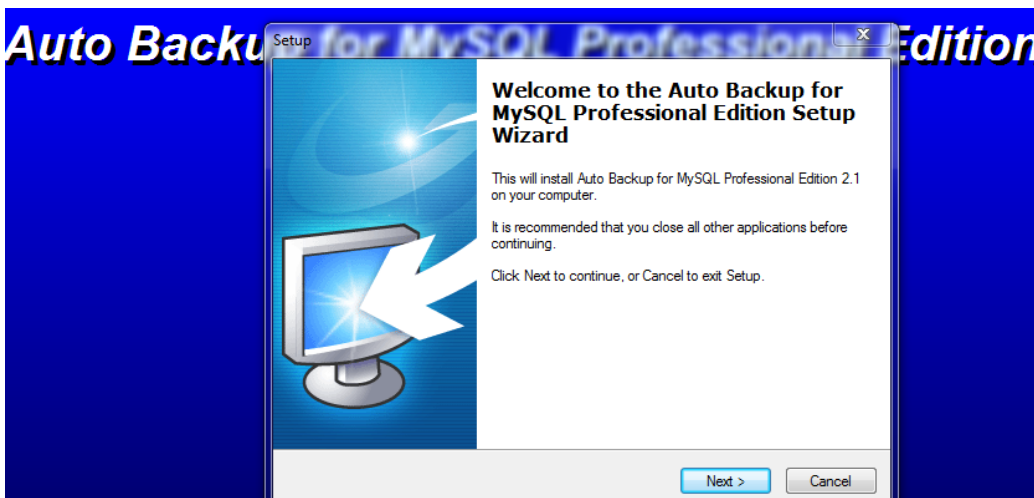

2.6 Required Software
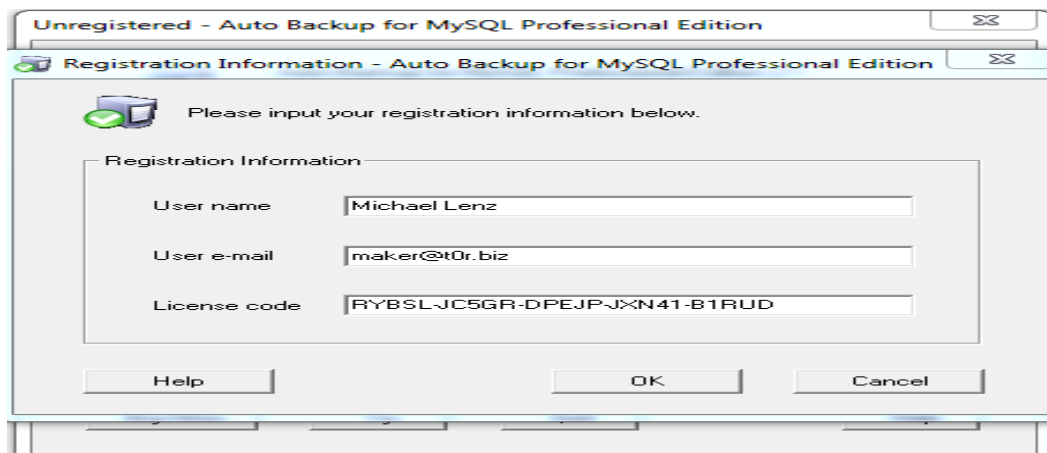
2.6.1 Auto Backup installation

- Create a folder on your desktop. Name it 'webadt backup'.

- Open the Auto Backup folder to access '**abmprofullc**' setup.
- Double click on the setup and follow instructions.

- Click the 'enter registration' button.
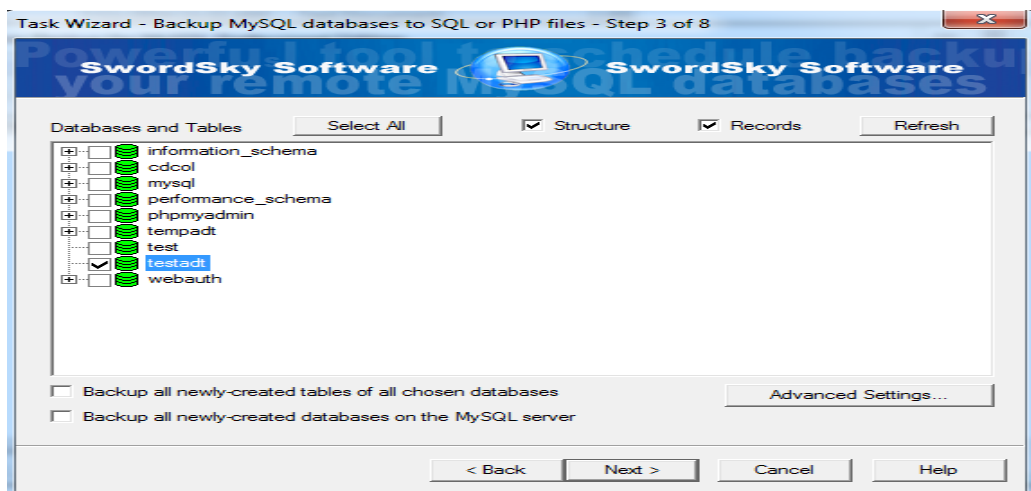- Open the serial file in the Crack folder.
- Copy and paste the username, user email and the license code in the respective fields.

- Click the 'create task' button.
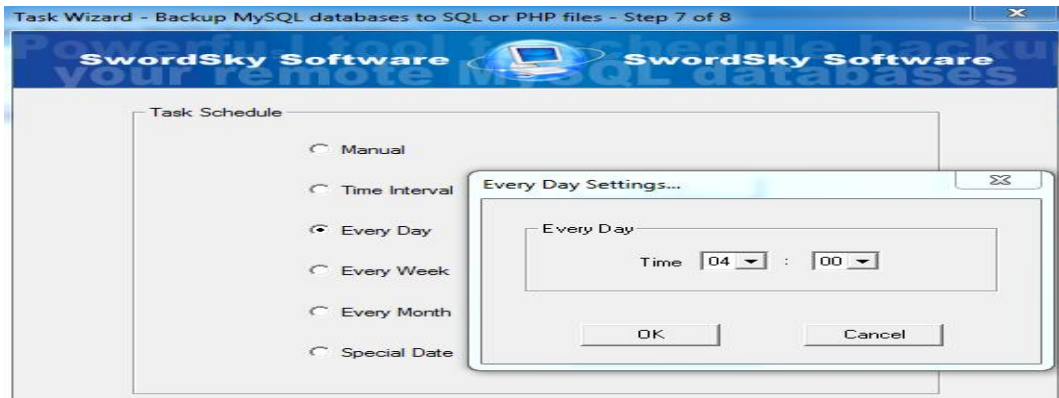- Type in the task name 'webadt'. Click next.

- In the password field, type 'root'. Click next.
- Check testadt as your database. Click next.

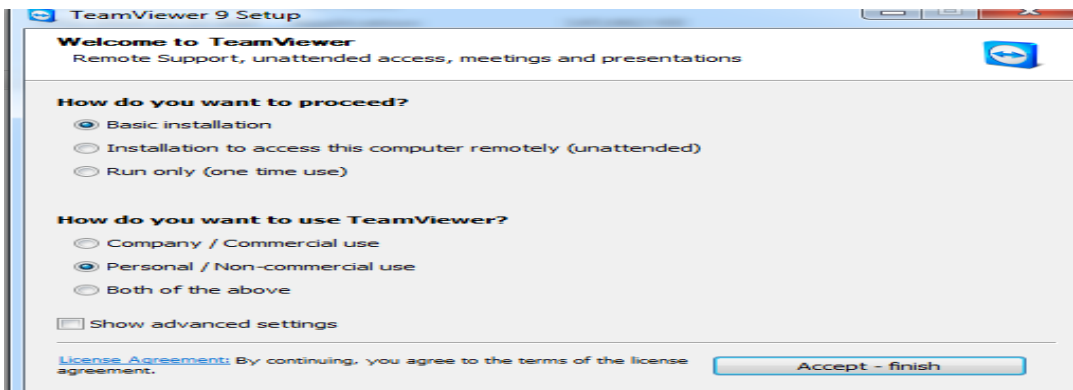- Check 'compress a SQL backup file' in the compress options. Click next

➢ Check 'use buffer mode'. Click next.

➢ Select 'Everyday' on task schedule. Change settings to the time of your preference.

➢ Finish and minimize the window.

2.6.2 TeamViewer Installation

➢ Double click **'TeamViewer_Setup'** to start installation.

➢ Select 'Personal/Non-commercial'.

➢ Click 'Accept-finish' button. Click **YES** to continue with the installation.

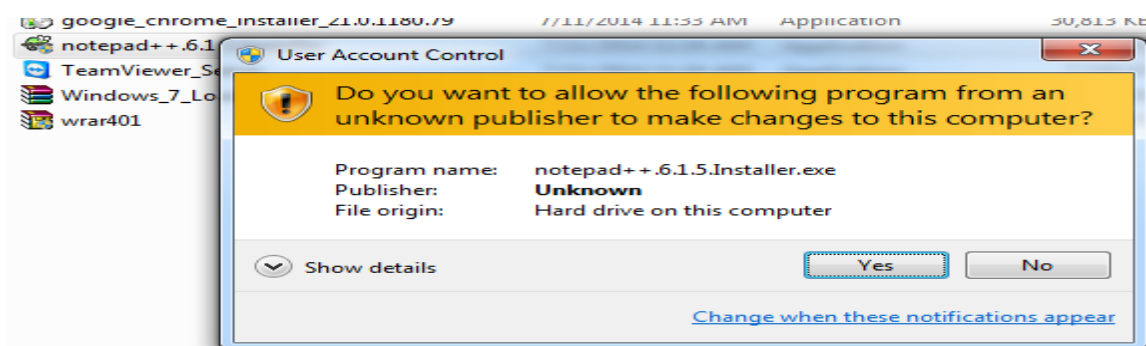➢ On the menu, click connection and select 'Setup unattended access…' option. Click next.
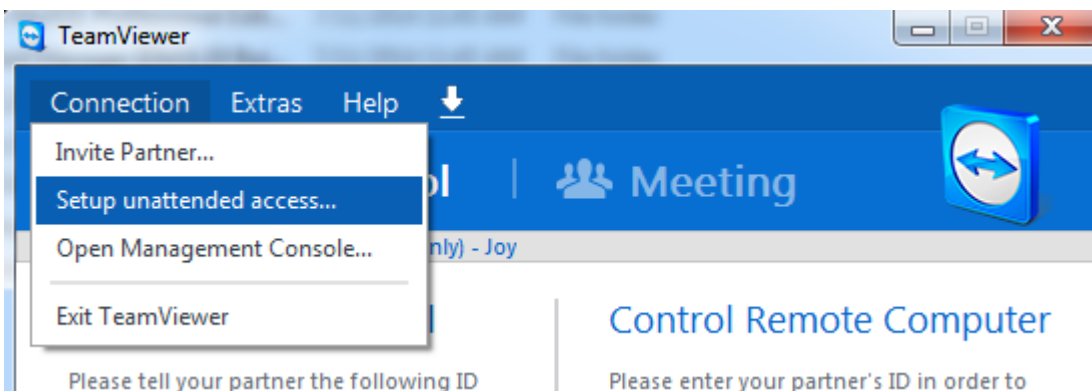
➢ Type 'webadt_2014' in both password and confirm password fields. Click next.

➢ Select 'I don't want to create a TeamViewer account now'. Click next.

➢ Finish.

3 Additional software

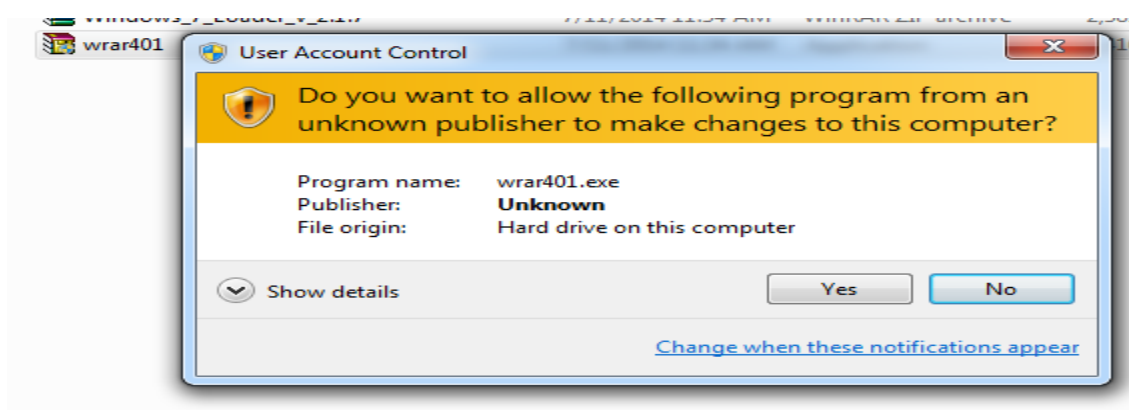### 3.1.1 Notepad installation

➢ Double click **'notepad++.6.1.5.Installer'** to start installation.

➢ Follow the instructions for a successful installation.

3.1.2 WinRAR installation

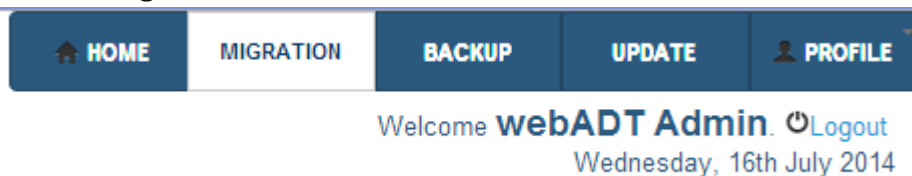➢ Double click **'wrar401'** to start installation.

➢ Follow the instructions for a successful installation.

4 System Migration and Testing

4.1   Migration Progress

➢ On your browser, go to url `http://localhost/ADT`
➢ Login using the following credentials:
  o Username: sysadmin
  o Password: marete123
➢ Click the migration from the menu

➢ In the migration settings:
  o Select the facility name of the facility you installed the system
  o Select 'main pharmacy' in the pharmacy section
  o Select the 'tempadt' for database
  o Select the tables you want to migrate from the tables list

➢ Click the **start** button to start the migration. You will see the progress of migration from the 'overall progress' bar.


➢ When migration is complete, logout

4.2   Advanced Migration

This process is only used when the facility's drug_stock_movement data is large. Carry out the migration as explained in the **migration progress**. Instead of selecting all tables in the migration settings, select all other tables apart from the drug_stock_movement table.

Follow the instructions in the advanced migration file. Open the advanced migration folder to find the file, follow the instructions inside.

4.3   Logging in

➢ Login to the main system using the following credentials
   ○ Username: kmarete
   ○ Password: marete123
➢ You can also login using the credentials from the access ADT
➢ You should now view the name of the facility like in the case of 'demo facility' and all its information.
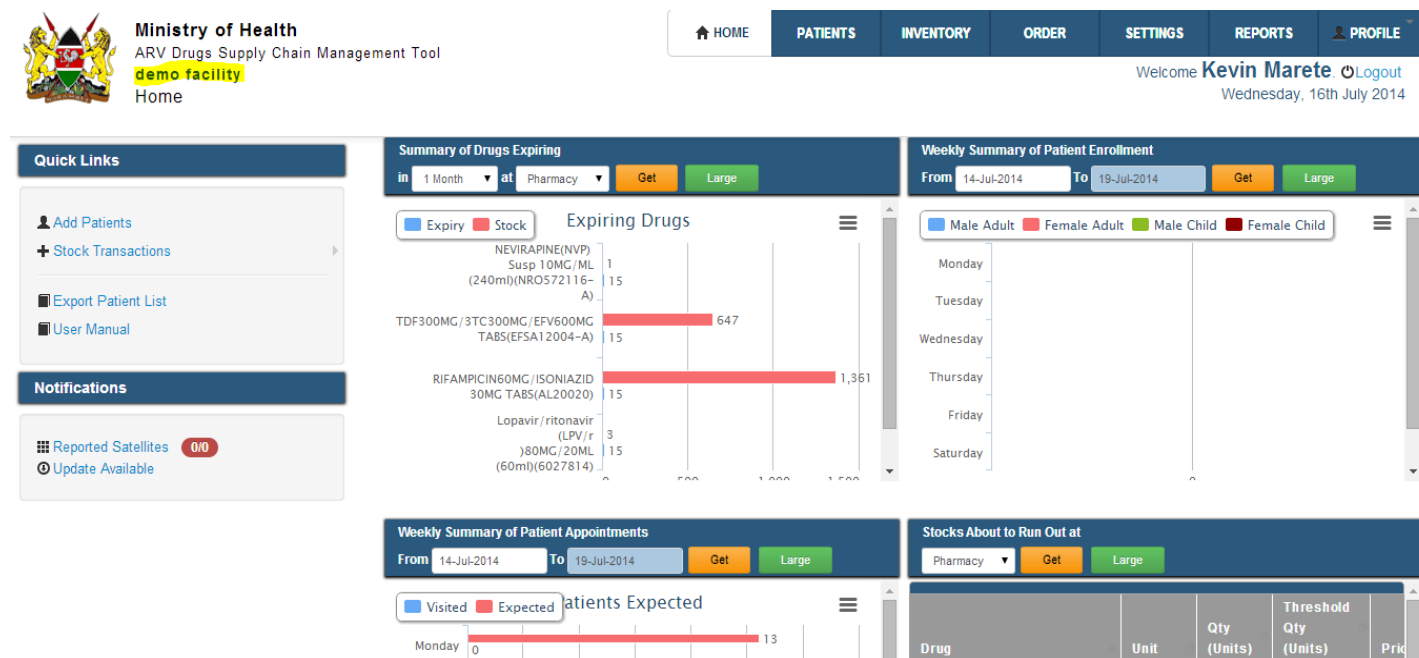

Installation is completed and the system is ready to use.

4.4   Creating WebADT shortcuts

For easy access of the system, create a shortcut on the browser and on the desktop. Follow these instructions:

➢ On your browser, go to URL `http://localhost/ADT.` It takes you to the login page.
➢ Click the star at the rightmost side of your address bar. A bookmark popup will be displayed.
➢ Select 'Bookmark bar' as the destination of your shortcut in the 'Folder' section. Click done.
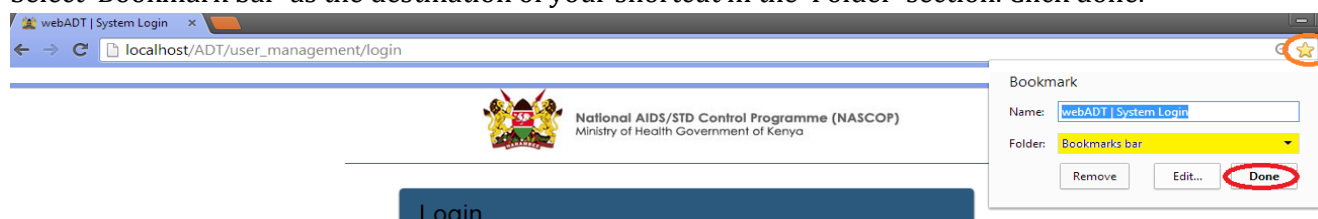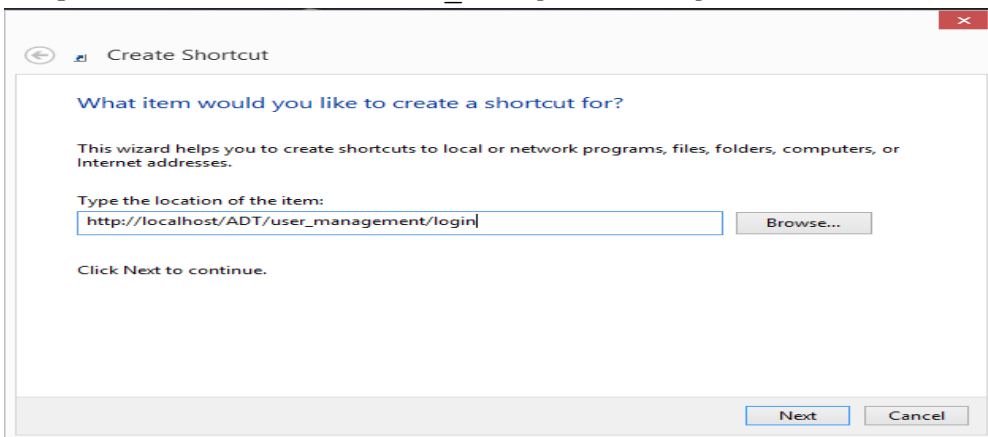
➢ This will display the WebADT shortcut on the bookmark bar
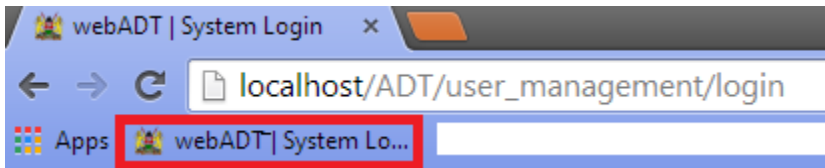
➢ To create a shortcut on the desktop:
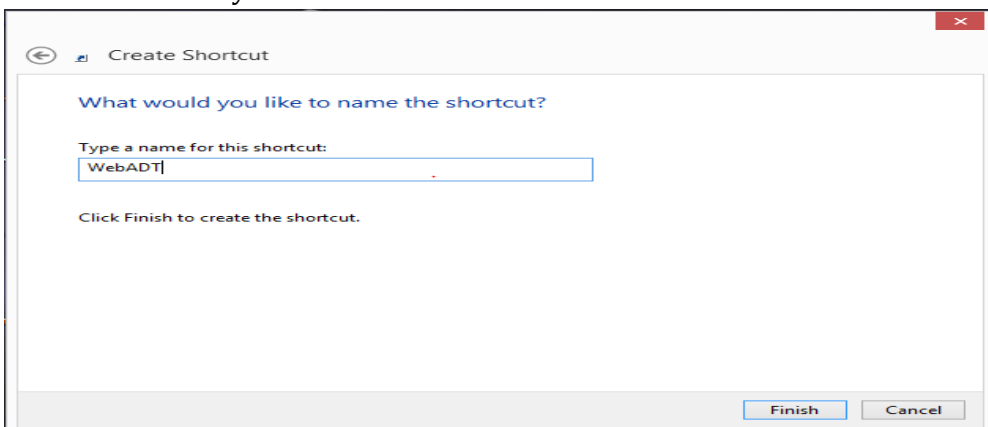 o Right click on the desktop, select 'New' then click 'Shortcut'
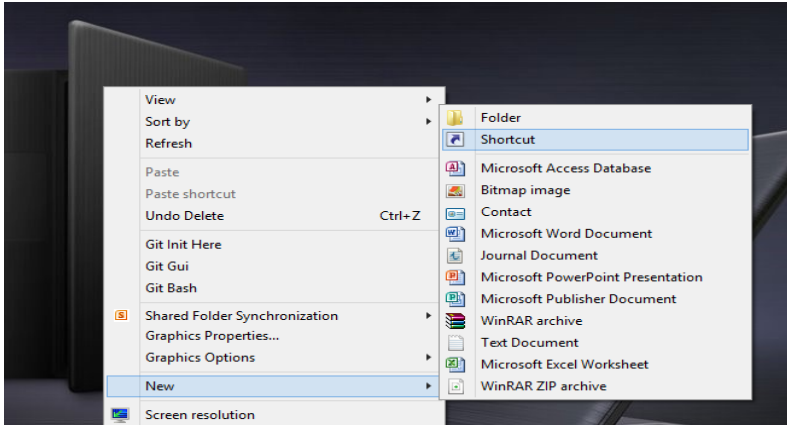
  o Create shortcut window will be displayed. Add the link to the ADT system:
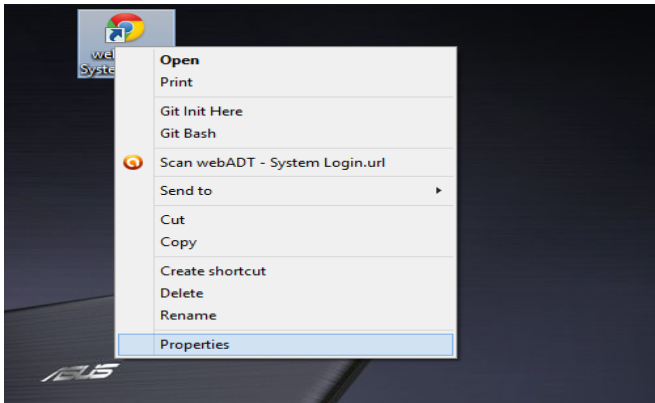   `http://localhost/ADT/user_management/login`

    Click 'Next'.

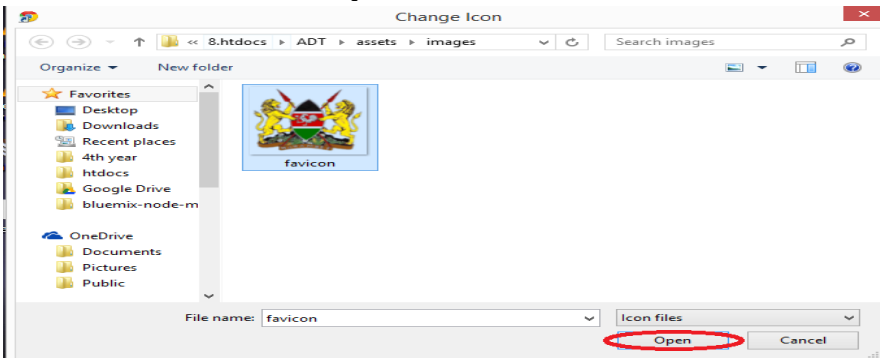 o Create a name for your shortcut as 'WebADT'. Click 'Finish'.

➢ Change the icon of the desktop shortcut as follows:
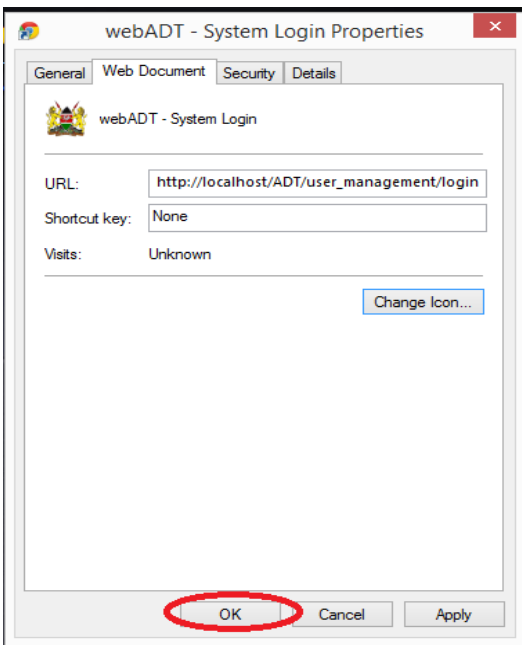 o Right click on the icon and select 'Properties'.

  o A properties window will open. Click the 'change icon' button to open change icon window.
  o Click 'Browse' to locate the new icon for your shortcut. You will find the icon in your:
    `C:\xampp\htdocs\ADT\assets\images`
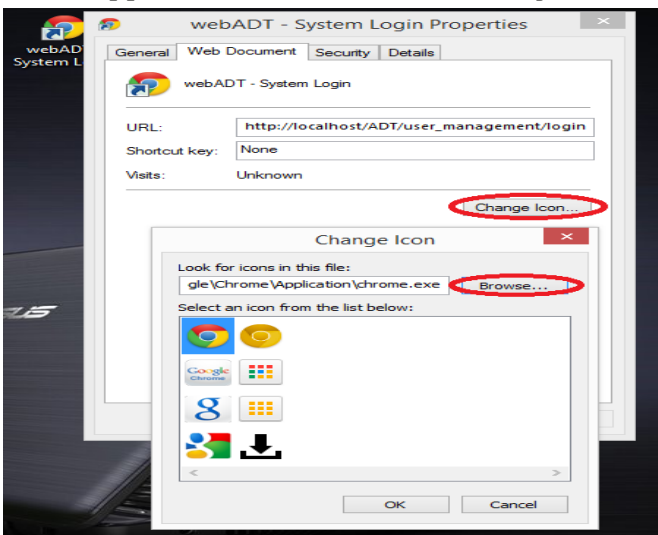
  o Select 'Favicon' and click 'Open'

  o Click 'OK' to finish.

4.5   Ordering templates

This folder has two excel files, the '*F-CDRR for Satellite Sites'* and '*F-MAPS for Satellite Sites'.* These files are used by the satellite facilities. They should be given to the facility to distribute to their satellites.
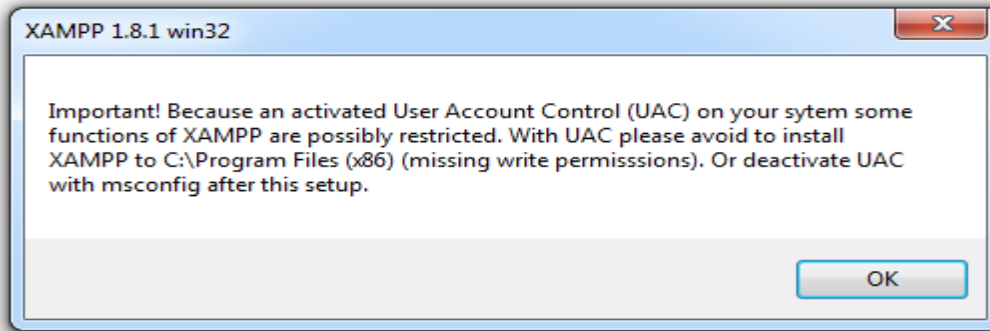
 F-CDRR for Satellite Sites
 F-MAPS for Satellite Sites

5 Errors you may encounter

These errors are encountered during the installation of Xampp.
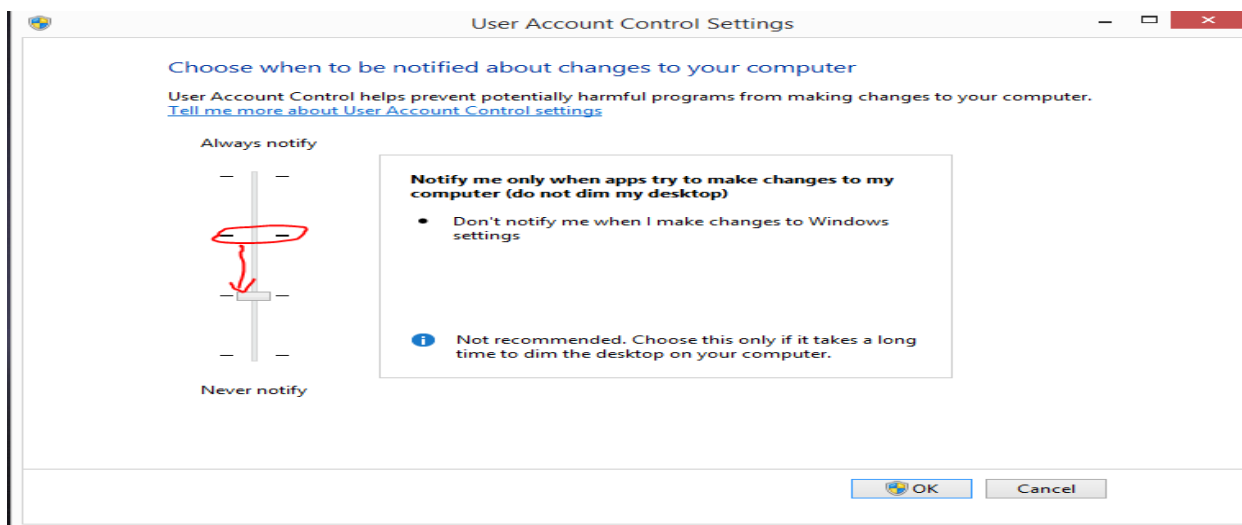
5.1   Error 1

This results from administrative permissions.
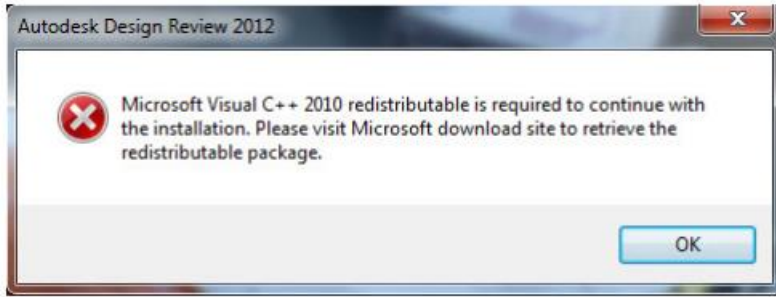
5.2   Solution 1

To change these permissions:

➢ In your search bar, search for user account control.

➢ Lower the scale from the current level to a lower level.

Click **OK** to continue with the installation.

5.3　Error 2

This error results from the absence of Microsoft Visual C++ redistributable package needed to start Apache.

5.4　Solution 2

Close the window and continue with the installation of Xampp. On completion, install the redistributable package in the xampp folder.

➢ Double click *'Microsoft Visual C++ 2008 Redistributable package'* to start installation.
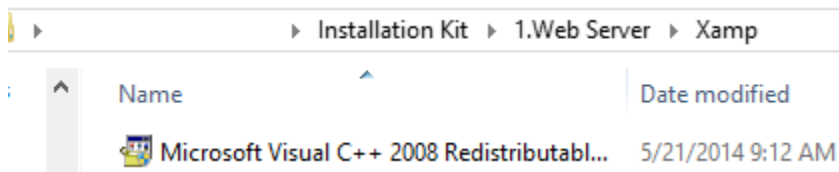
➢ Follow the instructions for a successful installation.
➢ Restart the computer.
➢ Run the xampp control panel and start Apache as a service.