

# Appendix A

## Installation and User Guid for PHP and MySQL

### A.1 Installation Procedure

You are required to install PHP, MySQL, PhpMyAdmin and Apache to run this application. But instead of installing them separately you can install them together by installing XAMPP. If you install XAMPP then all the above mentioned four will be installed automatically. So next I will explain about how to install XAMMP in your machine.

#### A.1.1 How to install XAMPP:

- Download XAMPP from: <http://sourceforge.net/projects/xampp/files/XAMPP%20Windows/1.7.7/xampp-win32-1.7.7-VC9-installer.exe/download>. But if the link is not working then you can visit the home page of XAMPP <http://www.apachefriends.org/en/xampp-windows.html> , go to the appropriate download link and download the windows installer version of XAMPP.
- Install with default settings. But be careful that you are not installing it inside C:\program files. The best would be to install it in C:\xampp.
- After finishing installation it will ask you for opening XAMPP control panel. Click yes.

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- Once installed it will create a shortcut for XAMPP control panel on your desktop. Hence you can also click on this icon to start XAMPP control panel.
- On the XAMPP control panel, start Apache and MySQL.
- That's it your installation finished. Now few steps remain for settings.
- Open the link <http://localhost/xampp/> into your browser. It will show a page as shown in Figure A.1.
- Now click on the Security, as shown in the above picture. It will open a page like as shown in Figure A.2.
- Now click on the highlighted area in the above picture. It will open a page which allow you to set MySQL password. Set your MySQL password as **sachin123**
- Done.
- You can also see videos regarding how to install XAMPP on windows machine from Youtube. Here is a link <http://www.youtube.com/watch?v=r2TjoR4ulcY>. But no need to set any other password except the MySQL password.

### A.1.2 How to Create Database:

XAMPP will install PhpMyAdmin into your system. PhpMyAdmin is a GUI based interface to manage MySQL databases. So use PhpMyAdmin to create and access MySQL databases.

- Open PhpMyAdmin. There are two ways to open PhpMyAdmin:
  - Go directly to the link <http://localhost/phpmyadmin/>.
  - Go to the page <http://localhost/xampp/> and click PhpMyAdmin.
- It will ask for password. Enter "root" as user name and the password (the password you just created above). Also be sure that you are entering with "English". If it is set to another language then set it to "English".



Figure A.1: <http://localhost/xampp/>

- Click on “Database” to create a new database. It will prompt you to enter the name of your database.
- Enter your database name as **ATTRIBUTESQLIA**. Click create to create the database.
- Now the database has been created.
- Open the database by clicking on it at the left panel of the page.
- Now once you open the database; click import at the top panel of the page. (Be sure that you are currently inside the database you just created. You can see it at the top-left corner of the page. Where it should be written like localhost-¿ name of your database).
- Once you click import, you can see there is an option to import files. Click on the Browse button and choose '.sql' file for import (The .sql files are the

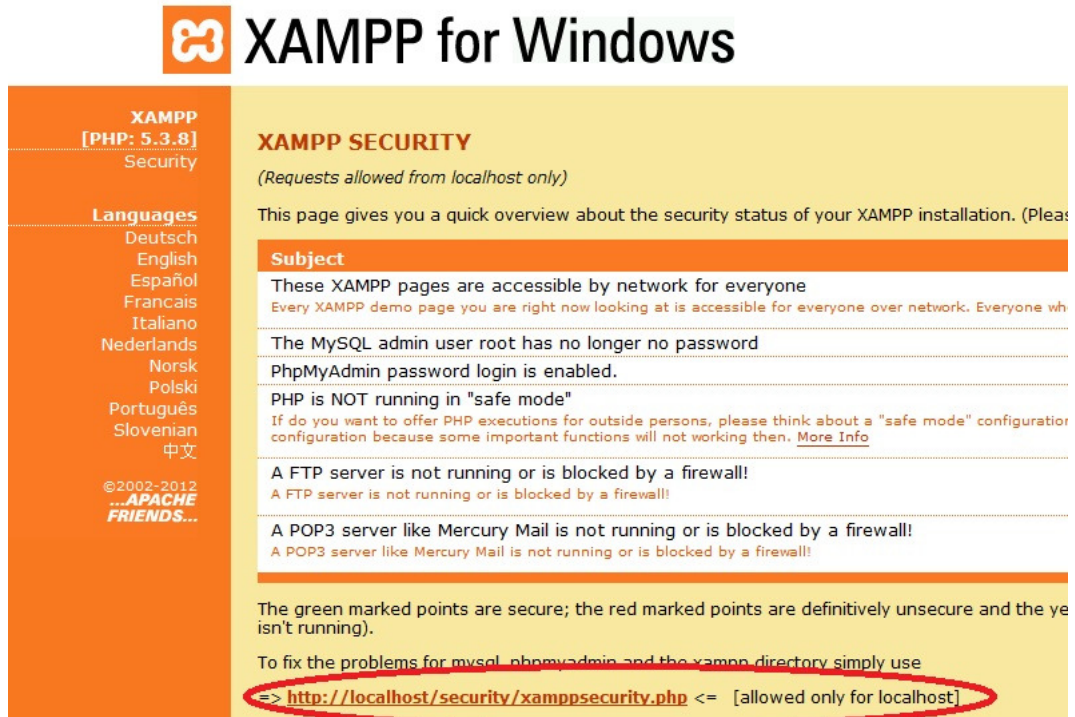


Figure A.2: Security Page of XAMPP

database scripts. The `.sql` file for this project is called `database.sql` and it is available with the package). Now click Go.

- Now your complete database creation is over.

### A.1.3 How to install and run the Web Application:

- Find the root folder of the apache. The root folder is the folder where you have to store your application. For example if you open the link <http://localhost/mypage.html> then the page `mypage.html` must present in the root folder. For XAMPP the root folder will be `C:\xampp\htdocs` (Note that if you have not installed XAMPP into `C:\xampp` directory then the path will vary. In that case go to your XAMPP installation directory and then into `htdocs` ).
- Copy paste your application folder into the root folder (`htdocs`). For this project your application folder is **Attribute-SQLIA**.

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- Thats it. Your application is ready for run.
- The link to run your application is: <http://localhost/Attribute-SQLIA/index.php>