

Chapter 6

User Manual

6.1 Introduction

The LNMIIT Connect is a social media platform for The LNM Institute Of Information Technology where students, staff and alumni can connect.

Learning to use this platform is easy, but it assumes that the user is familiar with fundamental computers' terms, concepts, and methodologies. User should review this document thoroughly before making use of the platform.

This user guide presents a step by step guide for running the platform on local machines.

6.2 System Requirements

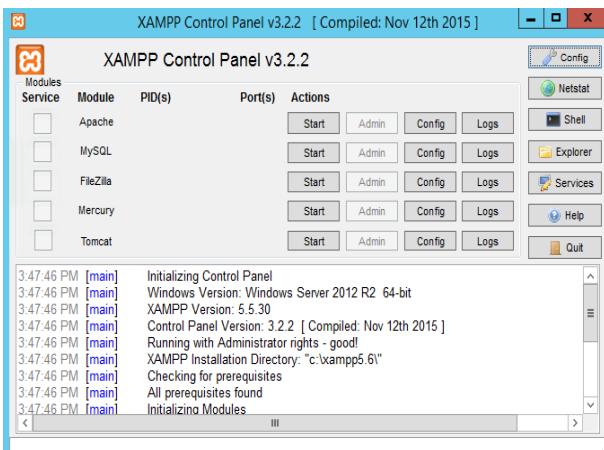
- Operating System : Windows 7, Windows 10 or MacOS 10.3 or Higher
- Processor - Intel dual core
- RAM – 2 GB
- Hard Disk – Minimum 20 GB
- Keyboard, monitor and mouse

6.3 Software Requirements

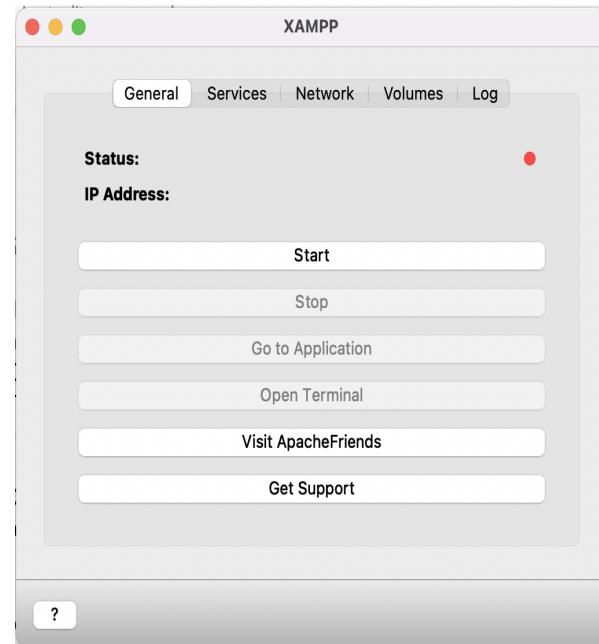
- Google Chrome 87.0.4280.141
- Sublime Text 3
- XAMPP 7.2.34

6.4 Guide

- **Step 1:** Download the software as mentioned earlier from below links and install it on a local machine.
 - Google Chrome: <https://www.google.com/chrome/>
 - Sublime Text: <https://www.sublimetext.com/3>
 - XAMPP: <https://www.apachefriends.org/download.html>
- **Step 2:** Download the source code from the given link; it will be in a zipped folder when downloaded.
 - Link: https://drive.google.com/file/d/1nhH-g3h9vVfE3u_im-FPsi7IIQrrf084/view?usp=sharing
- **Step 3:** open XAMPP it will look like shown below based upon the OS the local machine is using.



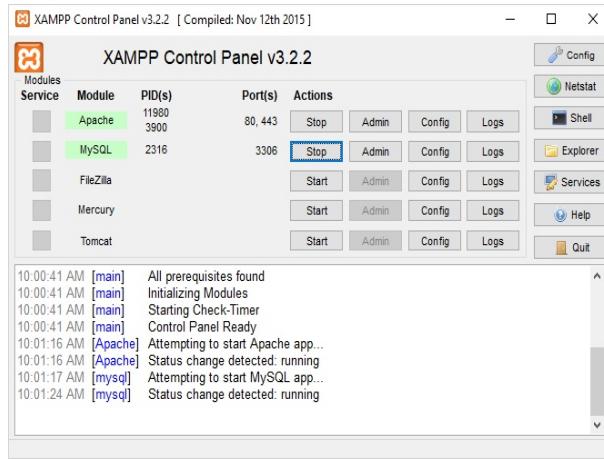
(a) Windows



(b) MacOS

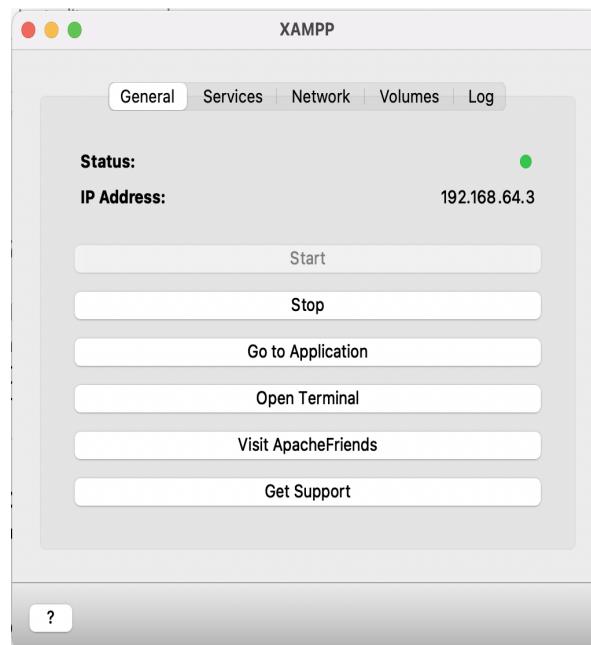
For Windows

- For Windows start Apache and MySQL and open the XAMPP folder and go to Step 4.

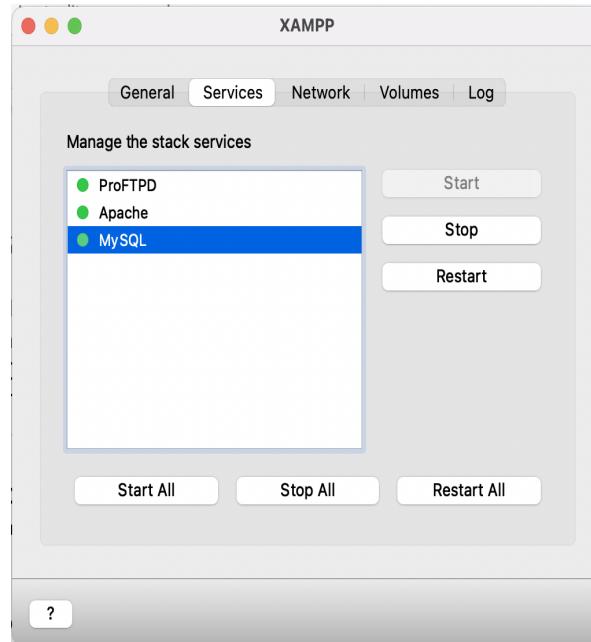


For Mac OS

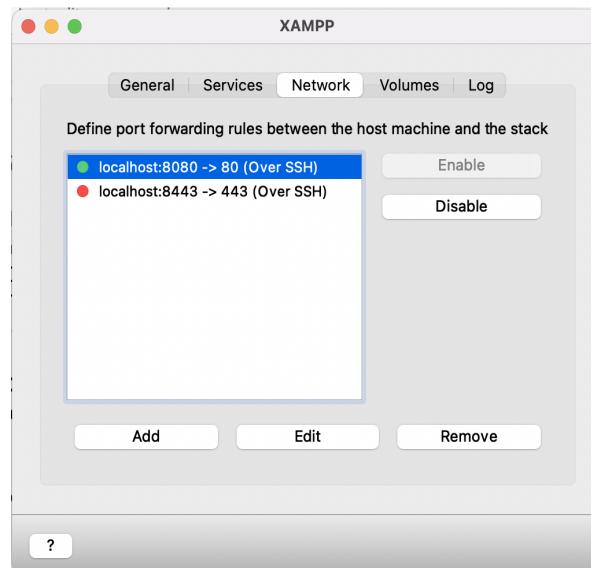
- For Mac Start the XAMPP as shown below.



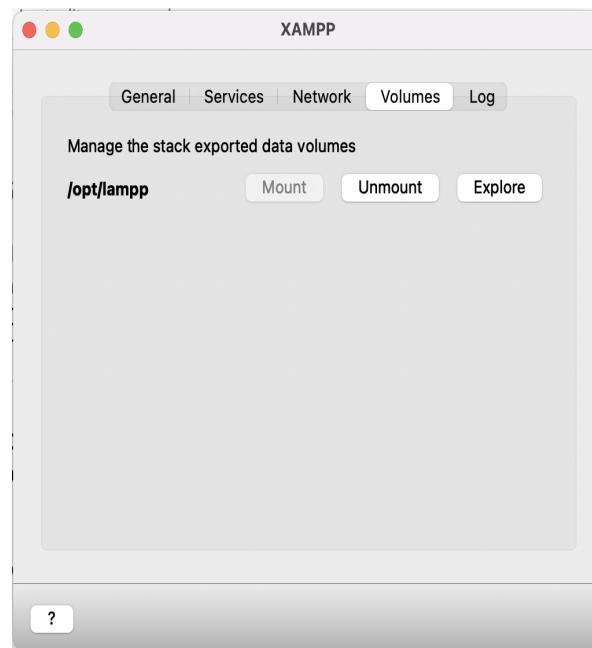
- Start MySQL and Apache Service



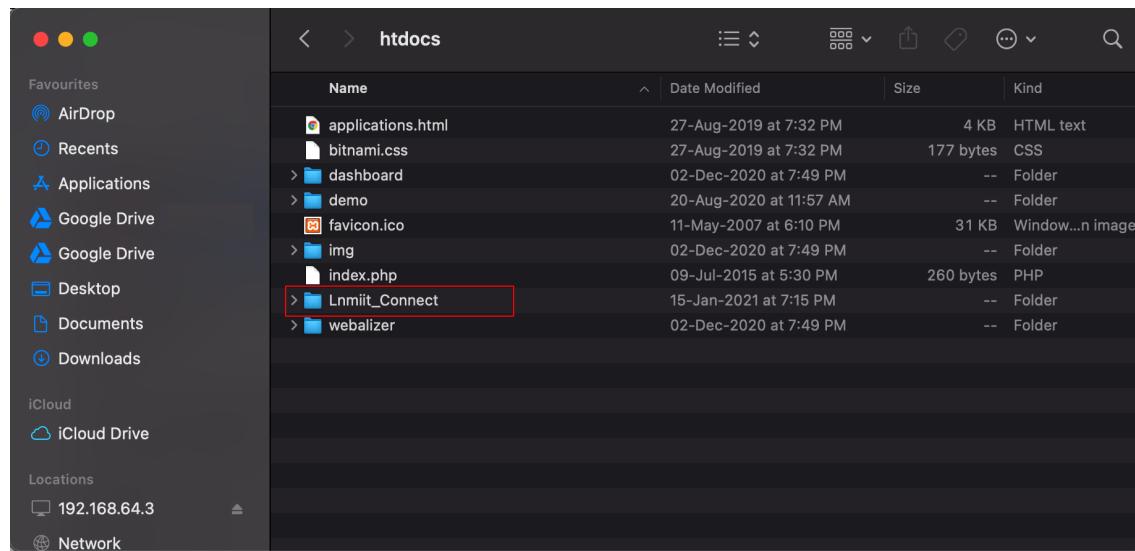
- Enable the network - “localhost:8080(over SSH)”



- Mount the /opt/lampp Volumes and explore the newly mounted volume and go to step 4.



- **Step 4:** Open the XAMPP folder and explore the htdocs folder and extract the source code there as shown.



- **Step 5:** Open Chrome and go to `http://localhost:8080/phpmyadmin/` and create a new database name “social” and import the database from social.sql file present in the source code folder.

The screenshot shows the phpMyAdmin interface for the 'social' database. The sidebar on the left lists various databases and their tables. In the main area, there is a table showing the structure of the 'social' database, which contains 9 tables: about, comments, friend_requests, likes, messages, notifications, posts, trends, and users. Below the table, there is a 'Create table' form with fields for 'Name:' and 'Number of columns:'. A red arrow points to the 'New' button in the sidebar.

Table	Action	Rows	Type	Collation	Size	Overhead
about	Browse Structure Search Insert Empty Drop	10	InnoDB	latin1_swedish_ci	16.0 Kib	-
comments	Browse Structure Search Insert Empty Drop	10	InnoDB	latin1_swedish_ci	16.0 Kib	-
friend_requests	Browse Structure Search Insert Empty Drop	0	InnoDB	latin1_swedish_ci	16.0 Kib	-
likes	Browse Structure Search Insert Empty Drop	21	InnoDB	latin1_swedish_ci	16.0 Kib	-
messages	Browse Structure Search Insert Empty Drop	6	InnoDB	latin1_swedish_ci	16.0 Kib	-
notifications	Browse Structure Search Insert Empty Drop	32	InnoDB	latin1_swedish_ci	16.0 Kib	-
posts	Browse Structure Search Insert Empty Drop	22	InnoDB	latin1_swedish_ci	16.0 Kib	-
trends	Browse Structure Search Insert Empty Drop	149	InnoDB	latin1_swedish_ci	16.0 Kib	-
users	Browse Structure Search Insert Empty Drop	10	InnoDB	latin1_swedish_ci	16.0 Kib	-
9 tables	Sum	260	InnoDB	utf8mb4_general_ci	144.0 Kib	0 B

- **Step 6:** open a new tab in chrome and go to `http://localhost:8080/Lnmiit_Connect` and platform will work and can be used as other social media platforms.

