Instructions and environment setup

1.Hardware/Software specifications:

● Software has been tested on windows server. However, it should work on cross platforms that support XAMPP .The system storage capacity would be minimum of 32 GB with 8 GB ram and Dual core .

● The tablets (Ipad) are required to have a browser with javascript enabled and should not have a pop-up block.

● Tablet shall be minimum10 inches in size and its storage capacity is 8GB and 4 GB ram

● System installation and administration has been tested on chrome browser, eg : XAMPP & MYSQL installation and configuration.

2. Installation and Set up:

There are 3 following steps:
a)Set the environment.
b Placing source files in appropriate directory.
c)Setup the database and initiate application.

2.(a) Environment Setup

● Download xampp package from the below source:
https://www.apachefriends.org/download.html

● Run the installation file on the system.

● Start Apache and MySql servers from Xampp control panel. (See section 3)

● (optional) Install chrome browser on system and enable pdf viewing capability by following steps.

Step 1: Open Chrome browser and type "about:plugins" in the address bar at the top.
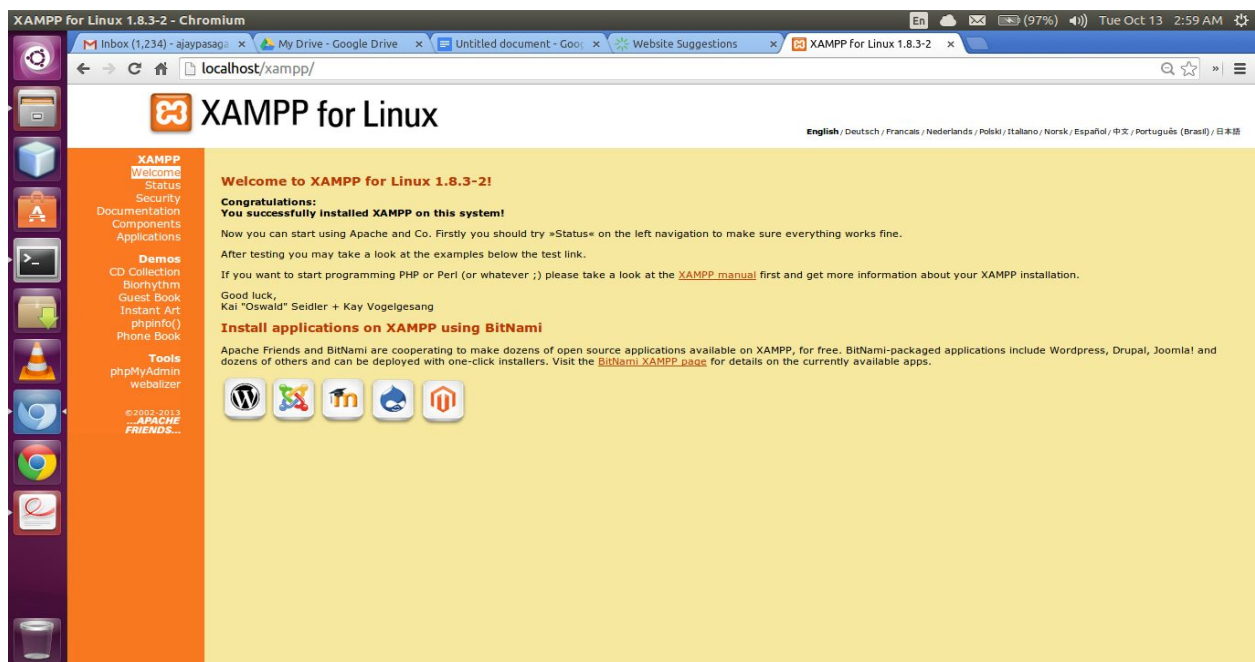Step 2: Scroll down and find Chrome PDF Viewer.

Step 3: Click the "Enable" link to allow PDFs loading within chrome.

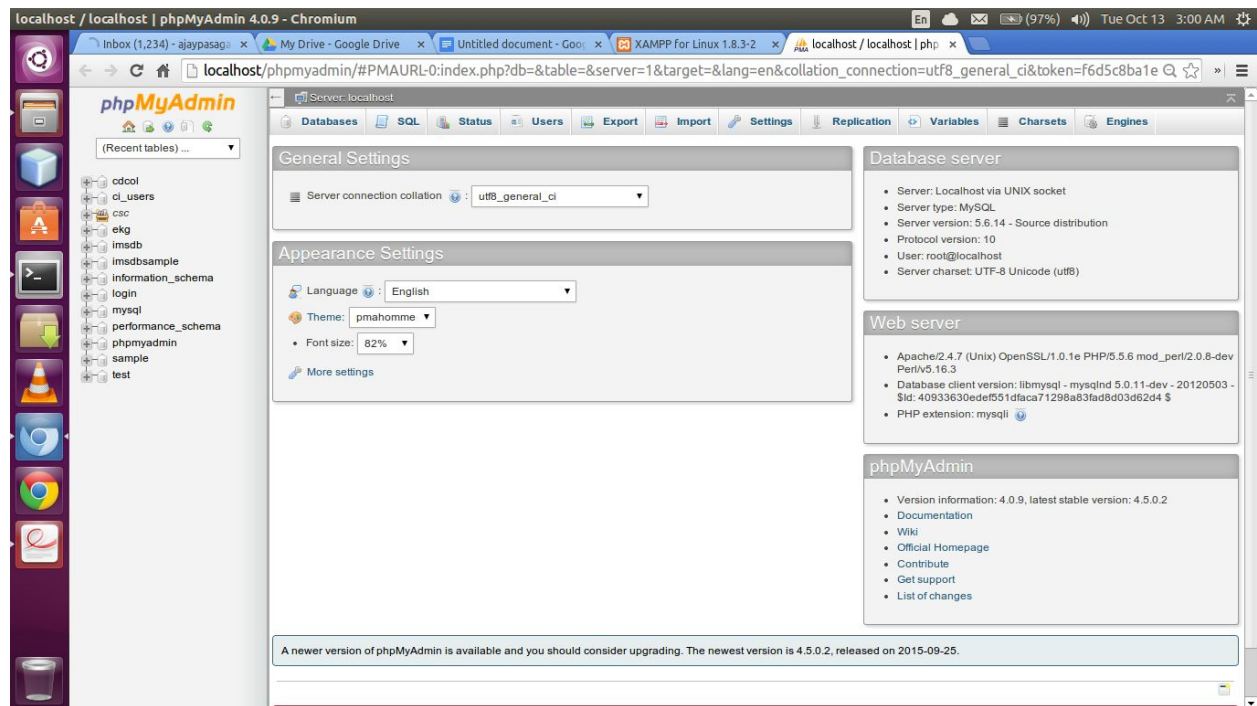2.(b) Placing source files in appropriate directory:

- Download source files from following GIT repository
  https://github.com/member123/ims
  After visiting above url, at right bottom click download zip and extract it.
- The project source files include one bundle named "ims-master"
- Rename the folder from "ims-master" to "ims".
- Open the folder to find two folder named "instructions" and "db"
- Database file can be found in "db" folder and instructions pdf can be found in "instructions " folder.
- Make sure that both files have read ,write and access permissions.
- After installing xampp,we can find xampp source folders, default location is on C drive.
- Go to htdocs directory which is located in XAMPP source folders and place ims bundle inside   htdocs directory.
- You can place imsdb.sql in a temporary folder where it is easy to browse and upload it PhpMyadmin. (see section 3)

 2. (c) Setup the database:

- Access the database through web interface provided by Xampp. Below are the steps to follow:
  Step 1: Open a browser and type following in the address bar (address bar):
  https://localhost/xampp . Below is the page that should appear in browser.

Step 2: Click on the option PhpMyAdmin among the list on left side. After clicking, you will be able to see the following web interface for database administration.

Step 3 : On left (in the above picture) you can see the list of existing databases.Or if it is your first time,you cannot see list of any databases.

Step 4: Click the option ' Databases' on top and create database with name "imsdb" and open it by clicking on it.   It should be empty.
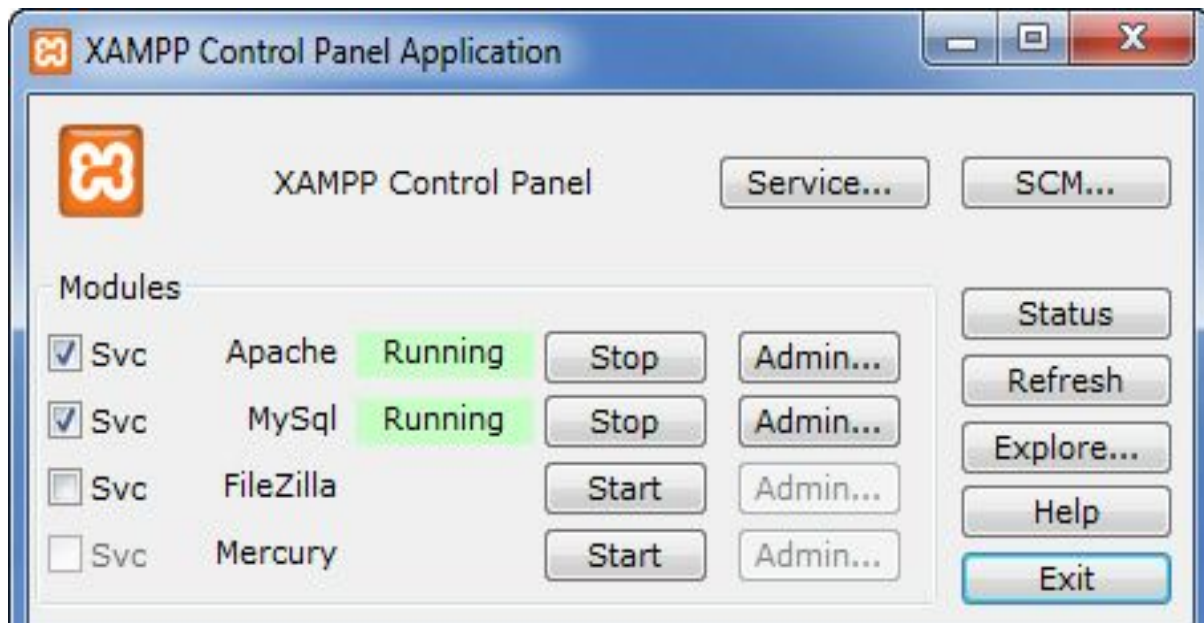
Step 5: Now click on import database option on the top and browse to the location where you have imsdb.sql file and upload it.

Step 6: Once you see the message "Database imsdb has successfully imported in green background ", you can click on it and open the database to see all the tables within it. Henceforth database is set.

3 . Getting Started:

Below are the steps to follow:

 Step 1: Open Xampp Control panel.It would look like the picture as shown below.
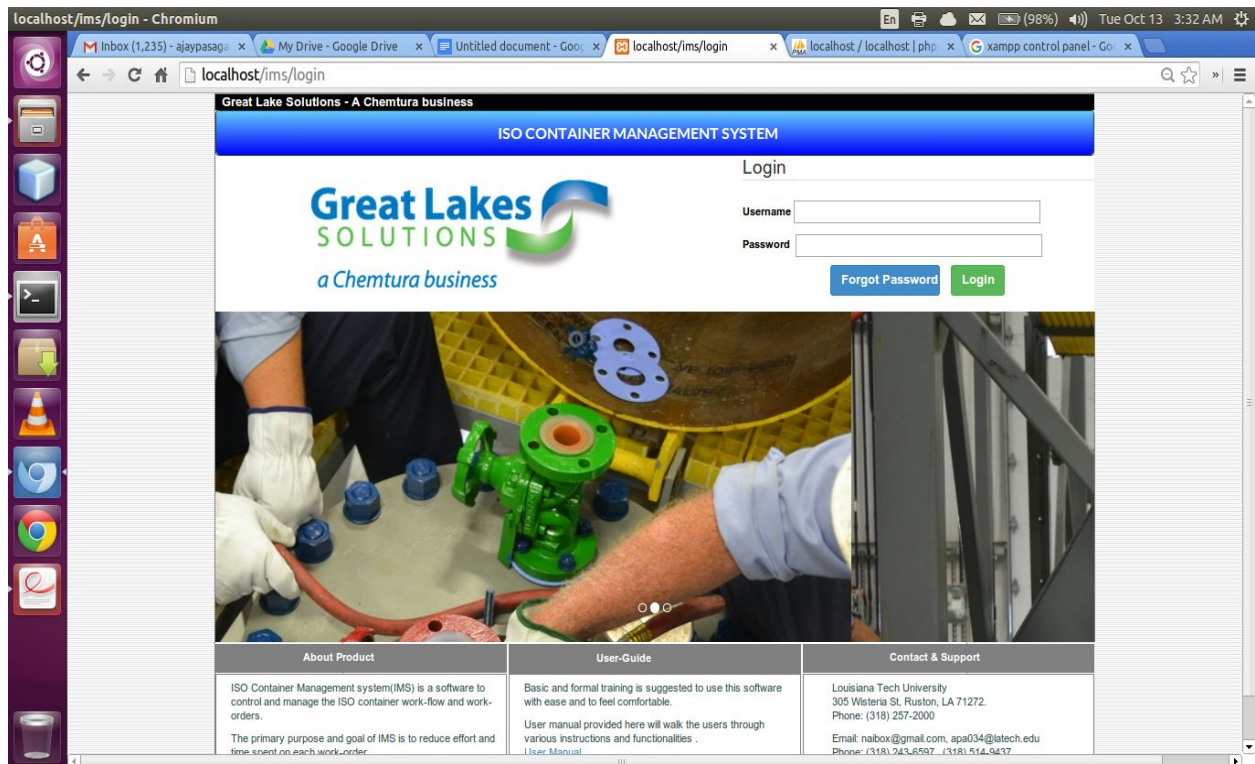

Step 2: You can see the list of services like apache,mysql,filezilla etc. We need Apache and
       Mysql servers for our software. Click on "Start" Button to start these services .Once
       they start, It indicates "Running" in green background as shown in above picture.

Step 3 : Database should be ready by now and project files should already be placed in
       appropriate directories. If not please see 2.(a) and 2.(b) for guidance.

 Step 4: Go to your browser and access the application by typing the following URL in address
       bar localhost/ims. This will allow us to run the application locally.

 Step 5: Now you should be able to see the home page as shown below. If you are not
       able to get home page ,then you might have missed out some steps.

Step 6: Input username and password to visit home page of "ISO container Management system".Below is the login information.

Login credentials:
user:admin
username: boxlab
password: password

user:staff
username: staff123
password: password

Step:7 After logging in, you should be able to see the following view.