

The background features a complex, abstract pattern of concentric circles. Each circle is composed of many small, multi-colored squares in shades of blue, yellow, red, and purple. These circles are centered on a dark, almost black, rectangular area on the left side of the image. The overall effect is a sense of depth and dynamic movement, with the colorful squares appearing to radiate from the center.

Content Management & E-Commerce

WEEK 1

Learning Objectives

- Introduction
- Syllabus Review
- Discuss Content Management Platforms
- Setup Development Environment
- Go Over the Configuration
- Discuss File Hierarchy
- Go Over the Global Settings

Different Content Management Systems

Free

- WordPress.org
- WordPress.com
- Drupal
- Joomla

Subscription Based

- Shopify
- Magento
- Squarespace
- Wix

CMS Environment Setup – Lamp Stack

Step One:

Download the folder found in the Weekly Learning section on Blackboard.

Step Two:

Un-zip the contents to your desktop.

CMS Environment Setup – Lamp Stack

Step Three:

Open your FileZilla and connect to your Lamp Stack. Upload the files to a new directory that you created.


Step Four:

Go to your URL.

CMS Environment Setup – Lamp Stack

Step Five:

Head to your AWS URL that contains the files that you just uploaded; the page should look like this.



Welcome to WordPress. Before getting started, we need some information on the database. You will need to know the following items before proceeding.

1. Database name
2. Database username
3. Database password
4. Database host
5. Table prefix (if you want to run more than one WordPress in a single database)

We're going to use this information to create a `wp-config.php` file. **If for any reason this automatic file creation doesn't work, don't worry. All this does is fill in the database information to a configuration file. You may also simply open `wp-config-sample.php` in a text editor, fill in your information, and save it as `wp-config.php`.** Need more help? [We got it.](#)


In all likelihood, these items were supplied to you by your Web Host. If you do not have this information, then you will need to contact them before you can continue. If you are all ready...

[Let's go!](#)

CMS Environment Setup – Lamp Stack

Step Six:

Hit the button that says "let's go". In the email about Lamp Stack all your details should be provided. Use that info to fill out the following fields seen below:



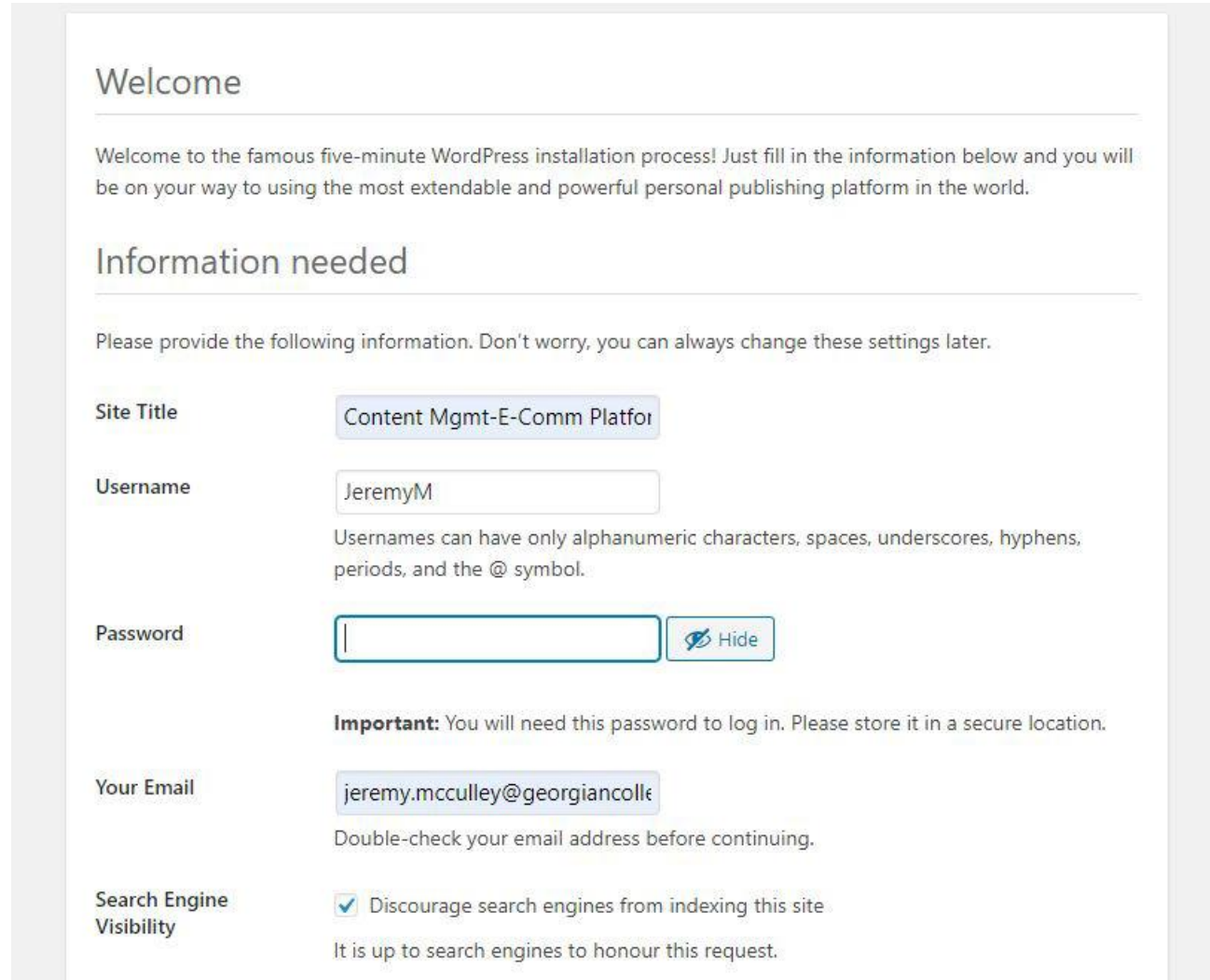
Below you should enter your database connection details. If you are not sure about these, contact your host.

Database Name	<input type="text" value="wordpress"/>	The name of the database you want to use with WordPress.
Username	<input type="text" value="username"/>	Your database username.
Password	<input type="text" value="password"/>	Your database password.
Database Host	<input type="text" value="localhost"/>	You should be able to get this info from your web host, if localhost doesn't work.
Table Prefix	<input type="text" value="wp_"/>	If you want to run multiple WordPress installations in a single database, change this.

CMS Environment Setup – Lamp Stack

Step Seven:

Once you have filled in the fields hit "Submit". This will take you to the next page that looks like the following.



Welcome

Welcome to the famous five-minute WordPress installation process! Just fill in the information below and you will be on your way to using the most extendable and powerful personal publishing platform in the world.

Information needed

Please provide the following information. Don't worry, you can always change these settings later.

Site Title

Username
Usernames can have only alphanumeric characters, spaces, underscores, hyphens, periods, and the @ symbol.

Password [Hide](#)

Important: You will need this password to log in. Please store it in a secure location.

Your Email

Double-check your email address before continuing.

Search Engine Visibility ☒ Discourage search engines from indexing this site
It is up to search engines to honour this request.

CMS Environment Setup – Lamp Stack

Step Seven Continued:

At this point WordPress has been connected to the database, all you need to do now is create your user and name your website.

Site Title – This is the name of the website, this will act as the default title.

Username – This will be the name that you will use to login to the backend of WordPress.

Password - This will be the password that you will use to login to the backend of WordPress (don't forget this).

Email – This will be the email that is notified of updates, password recovery, and will act as the admin email for the website.

Search Engine – By checking this it adds a no follow to your website. We check this in development so it is private.

CMS Environment Setup – XAMP (Localhost)

Step One:

If you do not already have XAMP on your machine visit the following address and download the latest PHP version.

<https://www.apachefriends.org/download.html>

**Please note for this class if you are using localhost only use XAMP that way everyone is using the same environments.

Step Two:

Once you have downloaded XAMP follow the instruction prompts. If you have any issue with the install please refer to the following pages:

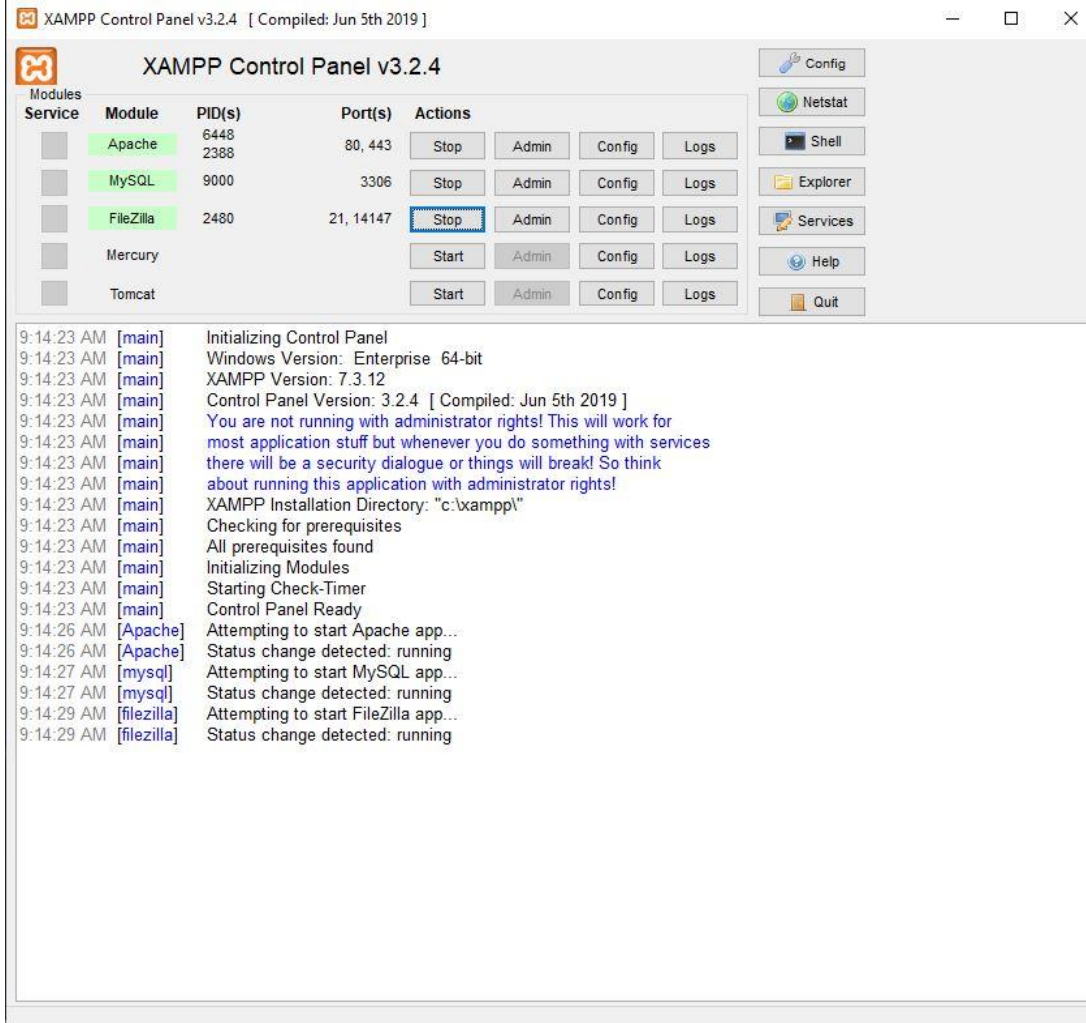
Windows - https://www.apachefriends.org/faq_windows.html

Mac - <https://www.webucator.com/how-to/how-install-start-test-xampp-on-mac-osx.cfm>

CMS Environment Setup – XAMP (Localhost)

Step Three:

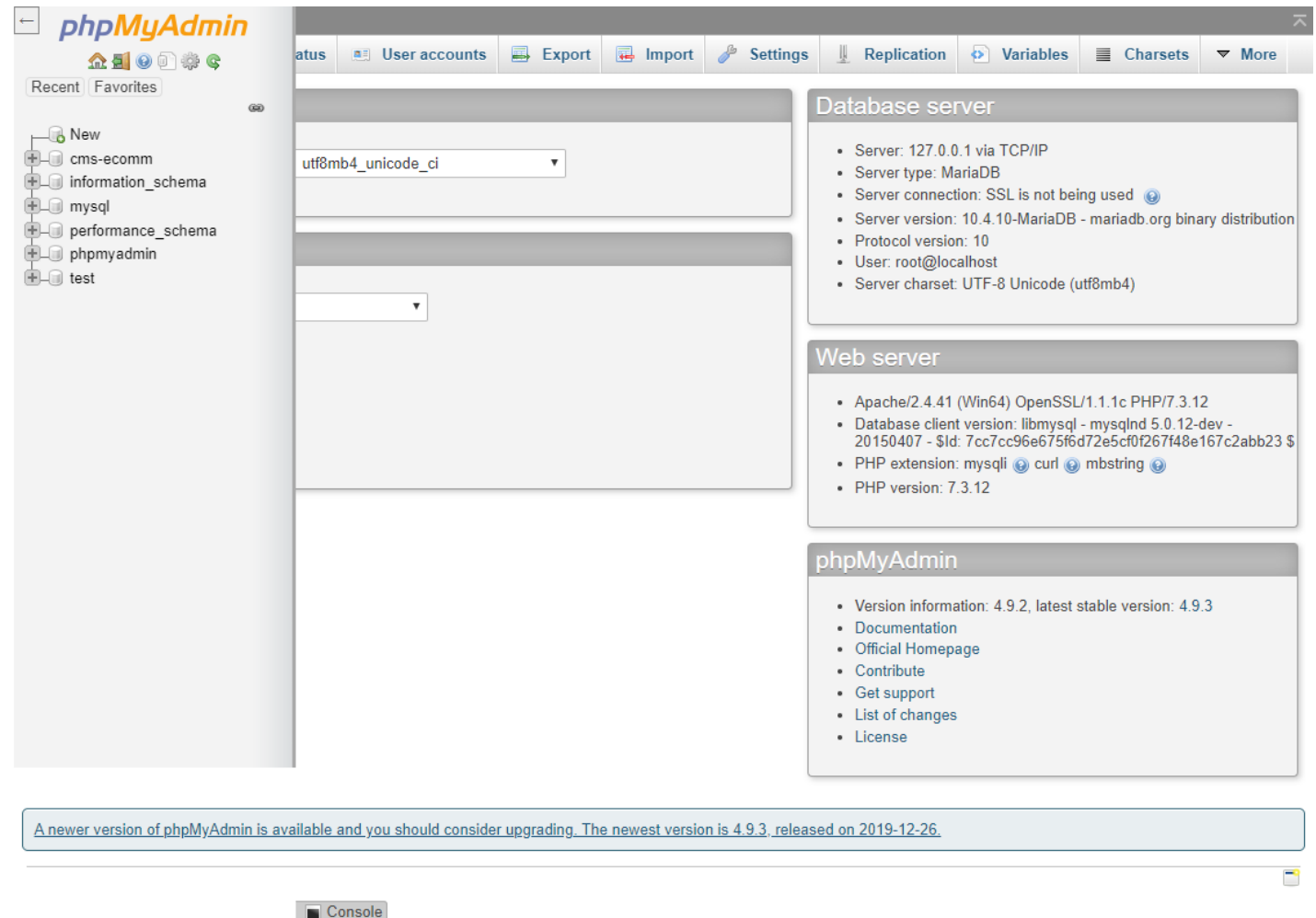
Once the install is complete start up the XAMP control panel. When the control panel is open start up the top 3 options (it should look like this).



CMS Environment Setup – XAMP (Localhost)

Step Four:

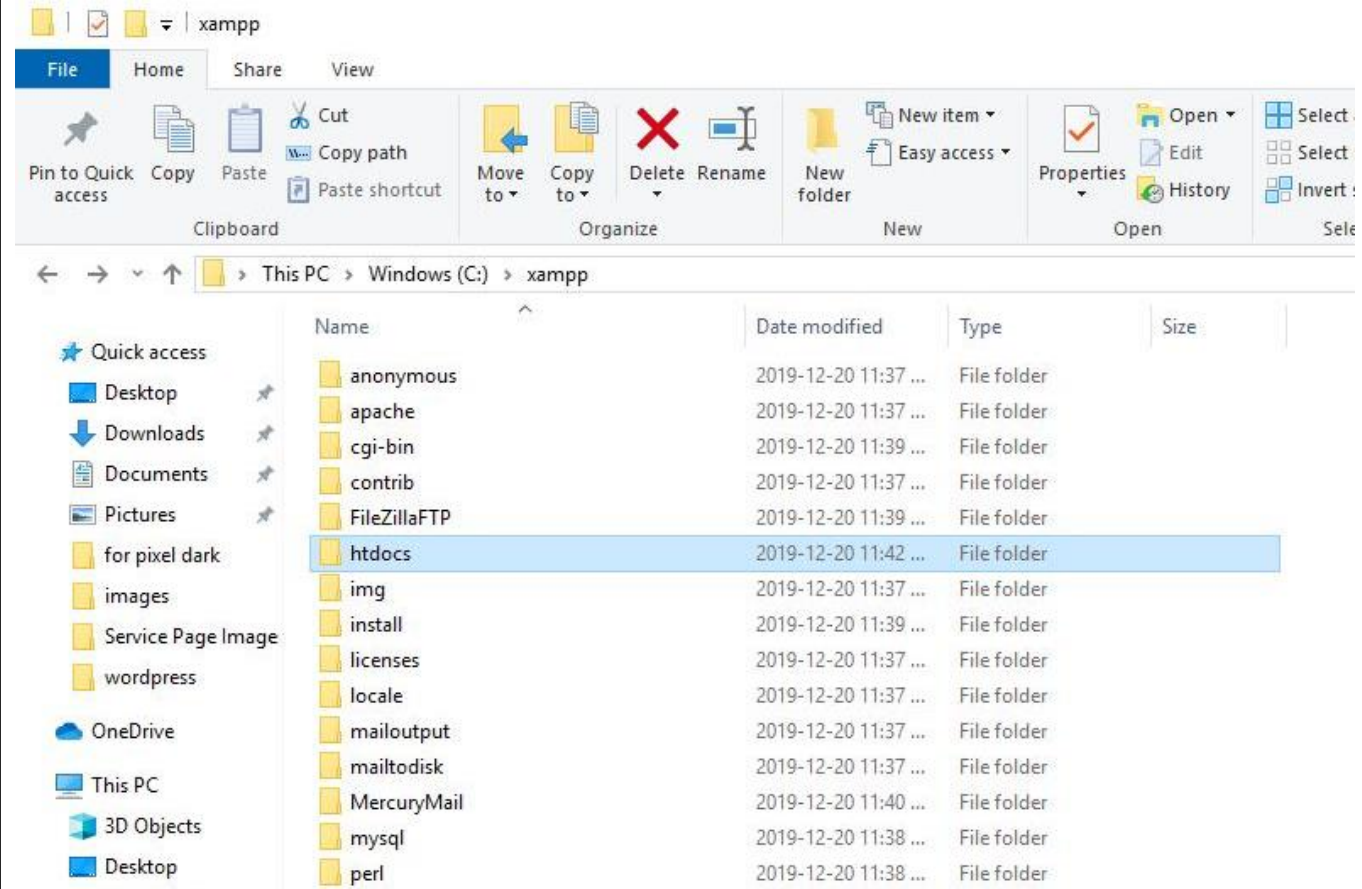
Now that all the services have been started you need to create the database. Go to <http://localhost/phpmyadmin/index.php>



CMS Environment Setup – XAMP (Localhost)

Step Five:

Once the database has been created you need to move the WordPress files into the right spot. In the XAMP root you will see a folder called "htdocs" as seen in the image below.



CMS Environment Setup – XAMP (Localhost)

Step Five Continued:

Create a folder to contain the WordPress files in the htdocs folder then move all the files into the folder you created.

CMS Environment Setup – XAMP (Localhost)

Step Six:

Head to your Localhost URL (ie. <http://localhost/cms-ecomm/> *that's my URL) that contains the files that you just uploaded, the page should look like this.



Welcome to WordPress. Before getting started, we need some information on the database. You will need to know the following items before proceeding.

1. Database name
2. Database username
3. Database password
4. Database host
5. Table prefix (if you want to run more than one WordPress in a single database)

We're going to use this information to create a `wp-config.php` file. **If for any reason this automatic file creation doesn't work, don't worry. All this does is fill in the database information to a configuration file. You may also simply open `wp-config-sample.php` in a text editor, fill in your information, and save it as `wp-config.php`.** Need more help? [We got it.](#)


In all likelihood, these items were supplied to you by your Web Host. If you do not have this information, then you will need to contact them before you can continue. If you are all ready...

Let's go!

CMS Environment Setup – XAMP (Localhost)

Step Seven:

Unlike Lamp Stack you will use database name that you created. Username should be "root", password should be empty, and the host should be localhost.



Below you should enter your database connection details. If you are not sure about these, contact your host.

Database Name	<input type="text" value="wordpress"/>	The name of the database you want to use with WordPress.
Username	<input type="text" value="username"/>	Your database username.
Password	<input type="text" value="password"/>	Your database password.
Database Host	<input type="text" value="localhost"/>	You should be able to get this info from your web host, if localhost doesn't work.
Table Prefix	<input type="text" value="wp_"/>	If you want to run multiple WordPress installations in a single database, change this.

CMS Environment Setup – XAMP (Localhost)

Step Eight:

Just like Lamp Stack you will need to create the username and password for the site. Follow the same instructions that were provided for Lamp Stack.

You are all done!

Let's Take A Look At Our Site

Now that we have the setup complete lets take a look at what makes it tick.