

School of Computer Science Engineering and Technology
Project-based Learning on
WordPress
Week 1 - Day 1

Date: March 20,2023

Task 01: Installation of Wordpress (locally)

Reference : <https://wordpress.org/documentation/article/how-to-install-wordpress/>

Step 1 : Download and extract

Download and unzip the WordPress package from <https://wordpress.org/download/>.

Step 2: Create the Database and a User

To create manually, use phpMyAdmin to create your Wordpress username and Database. Install XAMPP since it contains the integrated Apache Server, PHP and MySQL database (<https://vitux.com/ubuntu-xampp/>)

Step 3: Set up the wp-config.php

Enter your database information under the section labeled

```
// ** MySQL settings - You can get this info from your web host ** //
```

DB_NAME

The name of the database you created for WordPress in Step 2.

DB_USER

The username you created for WordPress in Step 2.

DB_PASSWORD

The password you chose for the WordPress username in Step 2.

DB_HOST

The hostname you determined in Step 2 (usually localhost, but not always; see some possible DB_HOST values). If a port, socket, or pipe is necessary, append a colon (:) and then the relevant information to the hostname.

DB_CHARSET

The database character set, normally should not be changed (see Editing wp-config.php).

DB_COLLATE

The database collation should normally be left blank (see Editing wp-config.php).

Enter your secret key values under the section labeled

* Authentication Unique Keys and Salts.

Save the wp-config.php file.

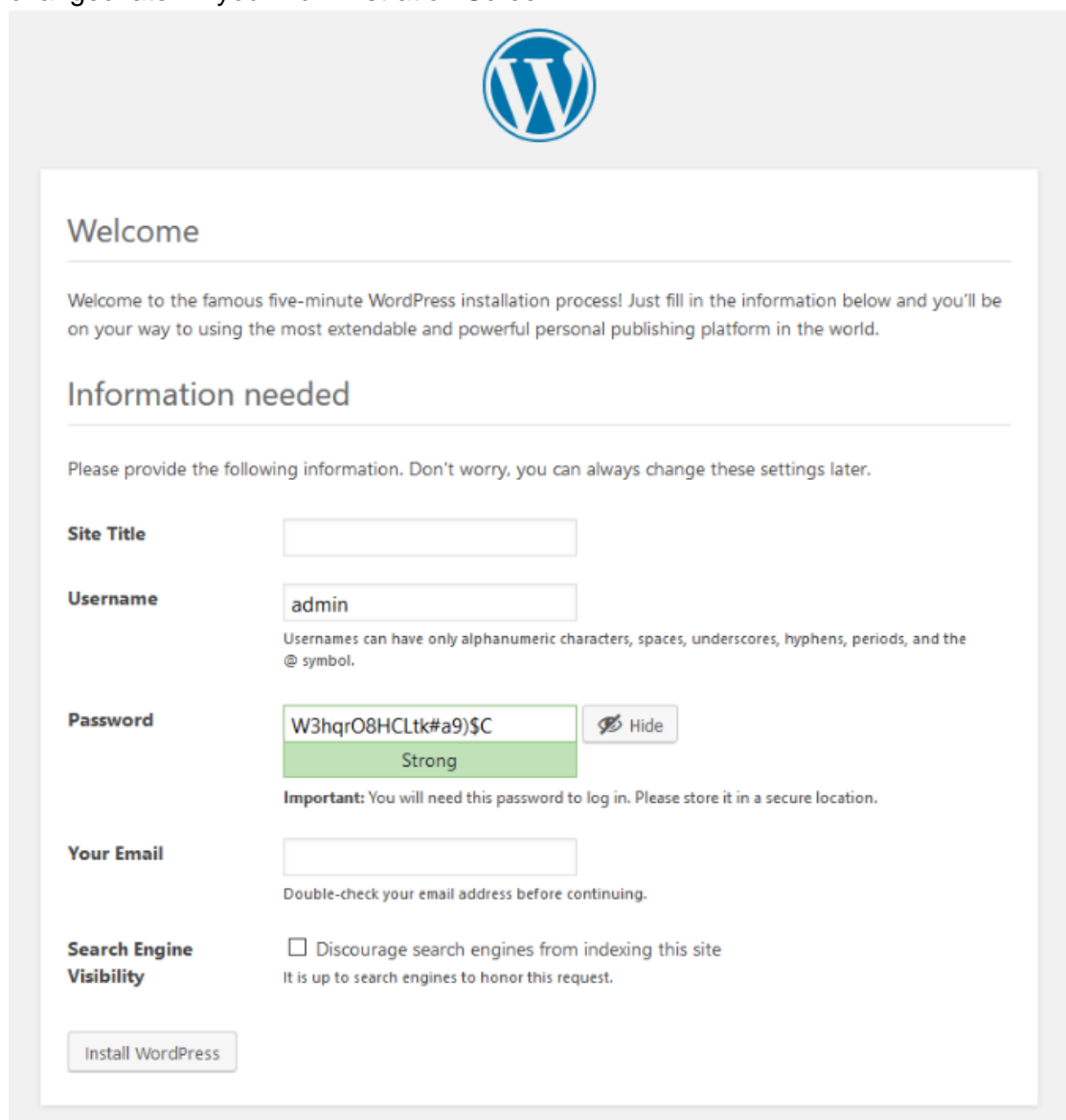
Step 4: Upload the files

For us we will, place “wp-demo-tuts” in the xampp/htdocs folder

Step 5: Run the install script

Load wp-admin/setup-config.php in the web browser. Wordpress will ask for the database details and write them to a new wp-config.php file.

The following screenshots show how the installation progresses. Notice that in entering the details screen, you enter your site title, your desired user name, your choice of a password (twice), and your e-mail address. Also displayed is a check-box asking if you would like your blog to appear in search engines like Google and DuckDuckGo. Leave the box unchecked if you would like your blog to be visible to everyone, including search engines, and check the box if you want to block search engines, but allow normal visitors. Note all this information can be changed later in your Administration Screen.



The screenshot shows the WordPress installation 'Welcome' screen. At the top is the WordPress logo. Below it, the heading 'Welcome' is followed by a paragraph: 'Welcome to the famous five-minute WordPress installation process! Just fill in the information below and you'll be on your way to using the most extendable and powerful personal publishing platform in the world.' The section 'Information needed' follows, with a note: 'Please provide the following information. Don't worry, you can always change these settings later.' The form contains five fields: 'Site Title' (empty), 'Username' (filled with 'admin'), 'Password' (filled with 'W3hqrO8HCLtk#a9)\$C' and marked 'Strong'), 'Your Email' (empty), and 'Search Engine Visibility' (unchecked). A 'Hide' button is next to the password field. Below the password field is an important note: 'Important: You will need this password to log in. Please store it in a secure location.' At the bottom is an 'Install WordPress' button.

WordPress logo

Welcome

Welcome to the famous five-minute WordPress installation process! Just fill in the information below and you'll 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

Strong

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 honor this request.

If you successfully install the WordPress, login prompt will be displayed.