

**Group 1**  
**CONTENT MANAGEMENT SYSTEMS**  
*Student Affairs Office*  
**Installation Manual**

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Table of Contents

Title	Page
<b>I. Apache Configuration .....</b>	<b>3</b>
<b>II. Installing the LAMP server (Linux, Apache, MySql and PHP) .....</b>	<b>3</b>
<b>III: Downloading WordPress .....</b>	<b>4</b>
<b>IV: Configure WordPress .....</b>	<b>4</b>
<b>V. Copying Files to Document Root .....</b>	<b>5</b>
<b>VI: Final Installation and Configuration .....</b>	<b>6</b>

## I. Apache Configuration

Step 1. The first thing to do when installing apaches

to type *sudo apt-get update*.

```
webtek2018@webtek2018:~$ sudo apt-get update_
```

Step 2. Then type, *sudo apt-get install apache2*, to start installing

Apache in your virtualbox.

```
webtek2018@webtek2018:~$ sudo apt-get install apache2_
```

Step 3. To prevent apache2 from starting on boot, type *sudo update-rc.d -f apache2 remove*.

```
webtek2018@webtek2018:~$ sudo update-rc.d -f apache remove
```

Step 4. To start the server, enter, *sudo service apache2 start*.

```
webtek2018@webtek2018:~$ sudo service apache2 start
[sudo] password for webtek2018:
* Starting web server apache2
```

Step 5. To stop the server, *sudo service apache2 stop*.

Step 6. To restart the server, type, *sudo service apache2 restart* .

## II. Installing the LAMP server (Linux, Apache, MySql and PHP)

1. Type, *sudo apt-get update*.

2. Type the following, hitting enter key after every:

```
sudo apt-get install lamp-server^
```

```
sudo apt-get install php-xml
```

```
sudo apt-get install php7.0-gd
```

3. Create a database by starting to type, *sudo mysql -u root -p* .

4. Name your database like “wordpress” in this case,

```
CREATE DATABASE wordpress;
```

**NOTE: Do not forget to include the semi-colon(;) at the end of the Sql statement, so that no issues will appear.**

5. Type *exit*, then press enter.

### III: Downloading WordPress

Step 1: Start downloading the latest WordPress version, by typing :

```
cd ~  
wget http://wordpress.org/latest.tar.gz
```

**NOTE: the download contains compressed files that has archived directories.**

Step 2: Extract the files of the downloaded WordPress version, by entering:

```
Tar xzvf latest.tar.gz
```

**\* This will automatically create a directory named “wordpress” after extracting.**

Step 3: To get the packages we need, type:

```
sudo apt-get update  
sudo apt-get install php5-gd libssh2-ph
```

### IV: Configure WordPress

Step 1: Begin by moving the downloaded and extracted WordPress file.

```
cd ~/wordpress
```

-then copy the default configuration file location to get WordPress to recognize the file, by typing:

```
Cp wp-config-sample.php wp-config.php
```

Step 2: Type *nano wp-config.php*, to view the content DB\_NAME, DB\_USER, DB\_HOST and DB\_PASSWORD, to edit its information.

```
GNU nano 2.2.6 File: wp-config.php

<?php
/**
 * The base configuration for WordPress
 *
 * The wp-config.php creation script uses this file during the
 * installation. You don't have to use the web site, you can
 * copy this file to "wp-config.php" and fill in the values.
 *
 * This file contains the following configurations:
 *
 * * MySQL settings
 * * Secret keys
 * * Database table prefix
 * * ABSPATH
 *
 * @link https://codex.wordpress.org/Editing_wp-config.php
 *
 * @package WordPress
 */

// ** MySQL settings - You can get this info from your web host ** //
/** The name of the database for WordPress */
define('DB_NAME', 'wordpressdbase');

/** MySQL database username */
define('DB_USER', 'wordpressuser');

/** MySQL database password */
define('DB_PASSWORD', '2018');

/** MySQL hostname */
define('DB_HOST', 'localhost');
[ Read 89 lines (Converted from DOS format) ]

webtek2018@webtek2018:/var/www/webtek/wordpress$
```

## V. Copying Files to Document Root

Step 1: Since the document root of Ubuntu 14.04 LAMP guide resides in /var/www/html, transfer safely the WordPress files there by typing:

```
sudo rsync -avP ~/wordpress/ /var/www/html/
```

Step 2: Move to the document root now to set permission changes, by typing:

```
cd /var/www/html
```

Step 3: Assign ownership values by typing:

```
sudo chown -R wordpress:www-data *
```

-sudo chown is defined to set the owning group, where any member cannot change the file's owning group.


Step 4: Type the following commands to finish copying of files:

```
mkdir /var/www/html/wp-content/uploads  
sudo chown -R :www-data /var/www/html/wp-content/uploads
```

## VI: Final Installation and Configuration

Step 1: To try , in your web browser, type:

http:// + domain name or IP



### 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.

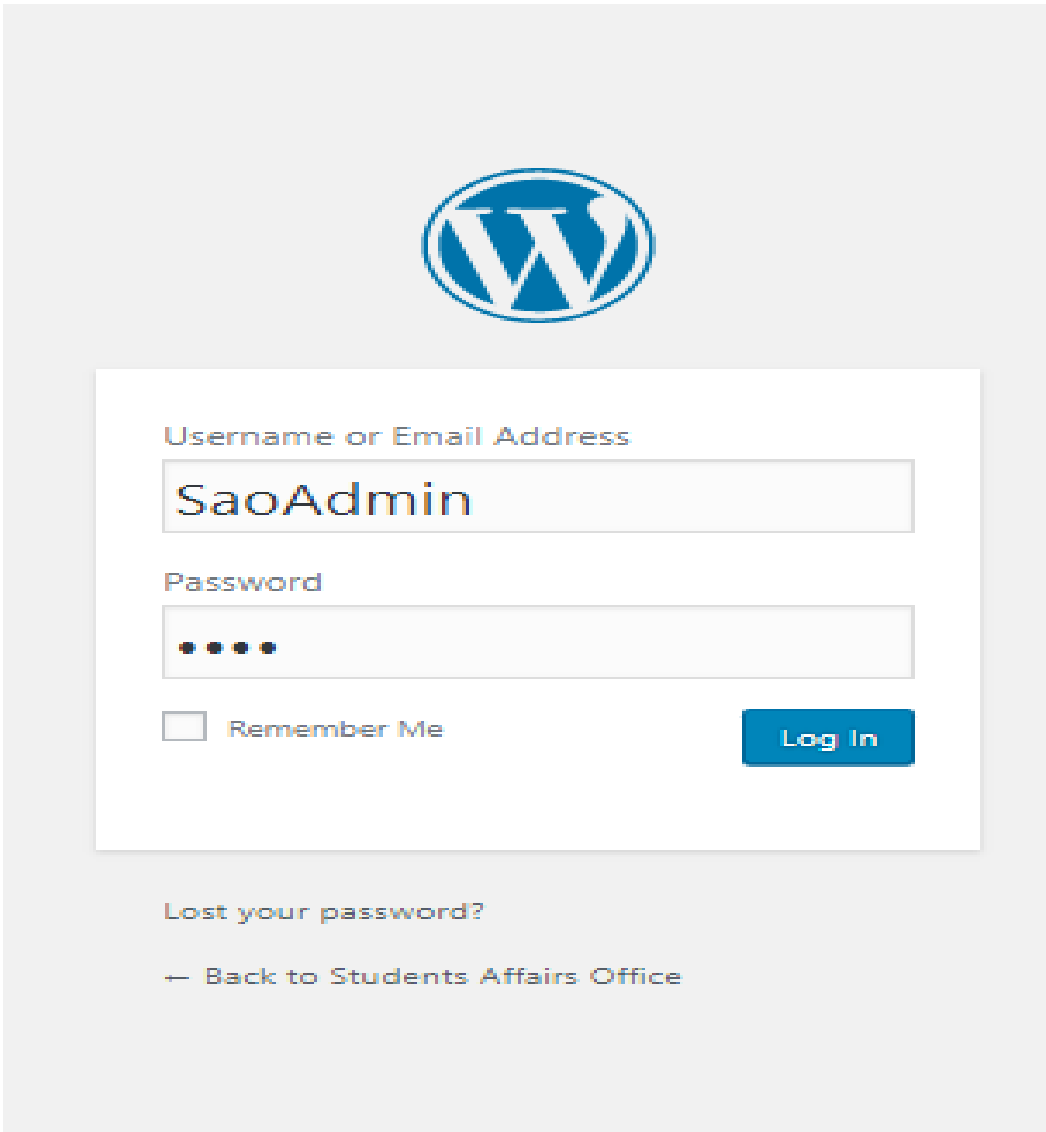
### Information needed

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

Site Title	<input type="text"/>
Username	<input type="text"/> <small>Usernames can have only alphanumeric characters, spaces, underscores, hyphens, periods, and the @ symbol.</small>
Password	<div><input type="password" value="UtXtbV!TKNupCkV0xp"/> Strong</div> <div><input type="button" value="Hide"/></div> <p><b>Important:</b> You will need this password to log in. Please store it in a secure location.</p>
Your Email	<input type="text"/> <small>Double-check your email address before continuing.</small>
Search Engine Visibility	<input type="checkbox"/> Discourage search engines from indexing this site <small>It is up to search engines to honor this request.</small>

You should see something like this, appear on your screen and then fill in the boxes with necessary answers.

After, filling in the boxes with valid answer, you can now start the word press by entering your username and password.

The image shows the WordPress login interface. At the top center is the WordPress logo, a blue 'W' inside a circle. Below the logo is a white rectangular box containing the login form. The form has two input fields: the first is labeled 'Username or Email Address' and contains the text 'SaoAdmin'; the second is labeled 'Password' and contains five dots. Below the password field is a checkbox labeled 'Remember Me'. To the right of the checkbox is a blue button with the text 'Log In'. Below the white box, there is a link 'Lost your password?' and a link '← Back to Students Affairs Office'.

After logging in, you are directed to this the Admin Dashboard which consists of different buttons that may help the user to navigate the site properly and easily.

When all things is set, you are now finally free to use the wordPress. You have successfully installed WordPress.

