

# **Content Management System (Joomla! 3.8)**

**9331B WS 2:30 - 4:00**

**Group 1**

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## UBUNTU SERVER

Once logged in to the ubuntu server, update the repository and install apache2.

```
gren@G1CMS:~$ sudo apt-get update
[sudo] password for gren:
Hit:1 http://security.ubuntu.com/ubuntu xenial-security InRelease
Hit:2 http://ph.archive.ubuntu.com/ubuntu xenial InRelease
Get:3 http://ph.archive.ubuntu.com/ubuntu xenial-updates InRelease [102 kB]
Get:4 http://ph.archive.ubuntu.com/ubuntu xenial-backports InRelease [102 kB]
Fetched 204 kB in 9s (22.0 kB/s)
Reading package lists... Done
gren@G1CMS:~$
```

```
gren@G1CMS:~$ sudo apt-get install apache2
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  apache2-bin apache2-data apache2-utils libapr1 libaprutil1 libaprutil1-dbd-sqlite3
  libaprutil1-ldap liblua5.1-0 ssl-cert
Suggested packages:
  www-browser apache2-doc apache2-suexec-pristine | apache2-suexec-custom openssl-blacklist
The following NEW packages will be installed:
  apache2 apache2-bin apache2-data apache2-utils libapr1 libaprutil1 libaprutil1-dbd-sqlite3
  libaprutil1-ldap liblua5.1-0 ssl-cert
0 upgraded, 10 newly installed, 0 to remove and 134 not upgraded.
Need to get 1,557 kB of archives.
After this operation, 6,432 kB of additional disk space will be used.
Do you want to continue? [Y/n] Y
```

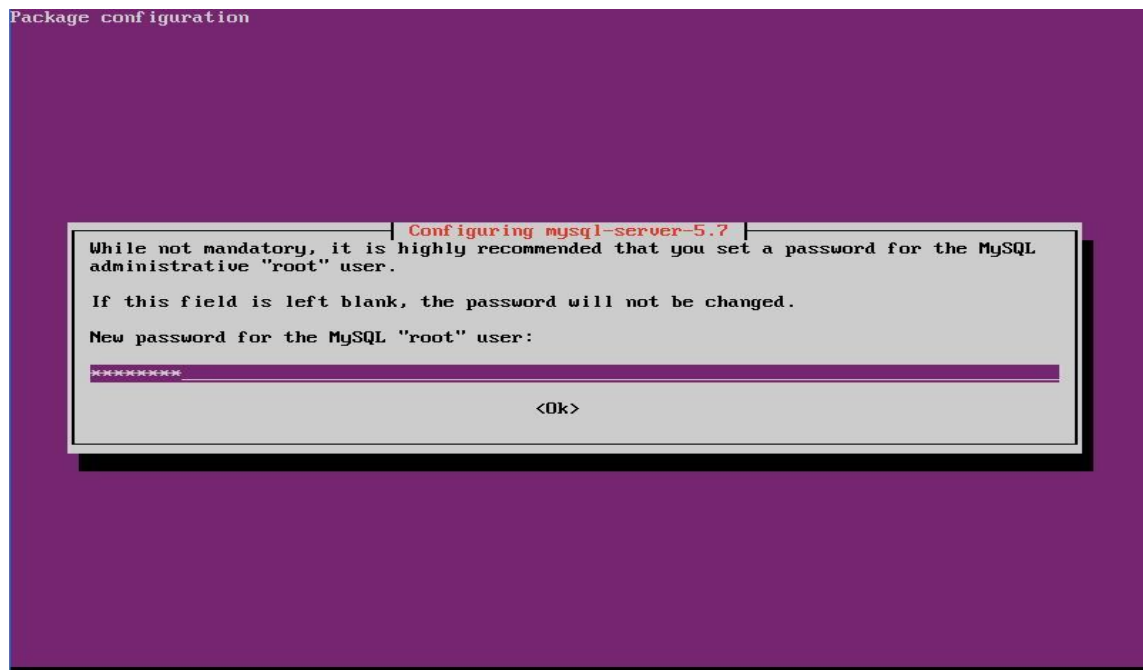
### ===== Installing JOOMLA! in Ubuntu Server 16.04 =====

## MySQL installation

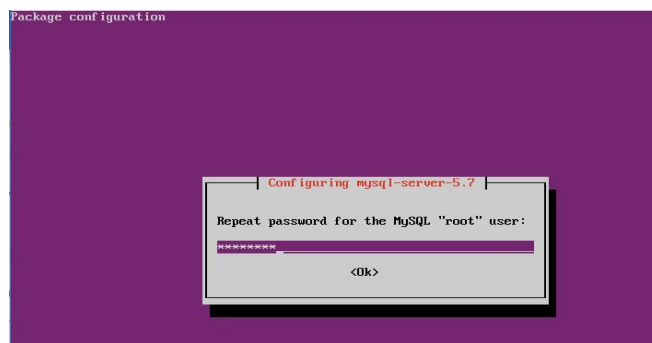
1. Install MySQL, integrate php. Type Y, and enter.

```
gren@G1CMS:~$ sudo apt-get install mysql-server php7.0-mysql
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  libaio1 libcgi-fast-perl libcgi-pm-perl libencode-locale-perl libevent-core-2.0-5 libfcgi-perl
  libhtml-parser-perl libhtml-tagset-perl libhtml-template-perl libhttp-date-perl
  libhttp-message-perl libio-html-perl liblwp-mediatypes-perl libtimedate-perl liburi-perl
  mysql-client-5.7 mysql-client-core-5.7 mysql-common mysql-server-5.7 mysql-server-core-5.7
  php-common php7.0-common
Suggested packages:
  libdata-dump-perl libipc-sharedcache-perl libwww-perl mailx tinycd
The following NEW packages will be installed:
  libaio1 libcgi-fast-perl libcgi-pm-perl libencode-locale-perl libevent-core-2.0-5 libfcgi-perl
  libhtml-parser-perl libhtml-tagset-perl libhtml-template-perl libhttp-date-perl
  libhttp-message-perl libio-html-perl liblwp-mediatypes-perl libtimedate-perl liburi-perl
  mysql-client-5.7 mysql-client-core-5.7 mysql-common mysql-server mysql-server-5.7
  mysql-server-core-5.7 php-common php7.0-common php7.0-mysql
0 upgraded, 24 newly installed, 0 to remove and 134 not upgraded.
Need to get 20.3 MB of archives.
After this operation, 168 MB of additional disk space will be used.
Do you want to continue? [Y/n] Y
```

2. Enter a strong password for MySQL.



3. Re enter password.



4. Execute this command to complete the installation of MySQL, the password you are going to enter will be the password for MySQL.

```
gren@G1CMS:~$ /usr/bin/mysql_secure_installation  
Securing the MySQL server deployment.  
Enter password for user root:
```

5. Type Y if yes, N otherwise.

```
secure enough. Would you like to setup VALIDATE PASSWORD plugin?

Press y|Y for Yes, any other key for No: N
Using existing password for root.
Change the password for root ? ((Press y|Y for Yes, any other key for No) : N

... skipping.
By default, a MySQL installation has an anonymous user,
allowing anyone to log into MySQL without having to have
a user account created for them. This is intended only for
testing, and to make the installation go a bit smoother.
You should remove them before moving into a production
environment.

Remove anonymous users? (Press y|Y for Yes, any other key for No) : Y
Success.

Normally, root should only be allowed to connect from
'localhost'. This ensures that someone cannot guess at
the root password from the network.

Disallow root login remotely? (Press y|Y for Yes, any other key for No) : Y
Success.

By default, MySQL comes with a database named 'test' that
anyone can access. This is also intended only for testing,
and should be removed before moving into a production
environment.

Remove test database and access to it? (Press y|Y for Yes, any other key for No) : Y_
```

```
Remove test database and access to it? (Press y|Y for Yes, any other key for No) : Y
- Dropping test database...
Success.

- Removing privileges on test database...
Success.

Reloading the privilege tables will ensure that all changes
made so far will take effect immediately.

Reload privilege tables now? (Press y|Y for Yes, any other key for No) : Y
Success.

All done!
gren@G1CMS:~$ _
```

## PHP Installation

1. Install PHP and its modules. Type the following command to install PHP. Type Y, press enter.

```
gren@G1CMS:~$ sudo apt-get install php7.0 libapache2-mod-php7.0 php7.0-mcrypt php7.0-xml php7.0-curl
php7.0-json php7.0-cgi
[sudo] password for gren:
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  libcurl3 libmcrypt4 libxslt1.1 php7.0-cli php7.0-opcache php7.0-readline
Suggested packages:
  php-pear libmcrypt-dev mcrypt
The following NEW packages will be installed:
  libapache2-mod-php7.0 libcurl3 libmcrypt4 libxslt1.1 php7.0 php7.0-cgi php7.0-cli php7.0-curl
  php7.0-json php7.0-mcrypt php7.0-opcache php7.0-readline php7.0-xml
0 upgraded, 13 newly installed, 0 to remove and 134 not upgraded.
Need to get 4,410 kB of archives.
After this operation, 19.6 MB of additional disk space will be used.
Do you want to continue? [Y/n] Y
```

### (Confirm successful LAMP installation)

1. Remove the index.html file

```
gren@G1CMS:~$ sudo rm /var/www/html/index.html
```

2. Create a new php file.

```
gren@G1CMS:~$ sudo touch /var/www/html/index.php
```

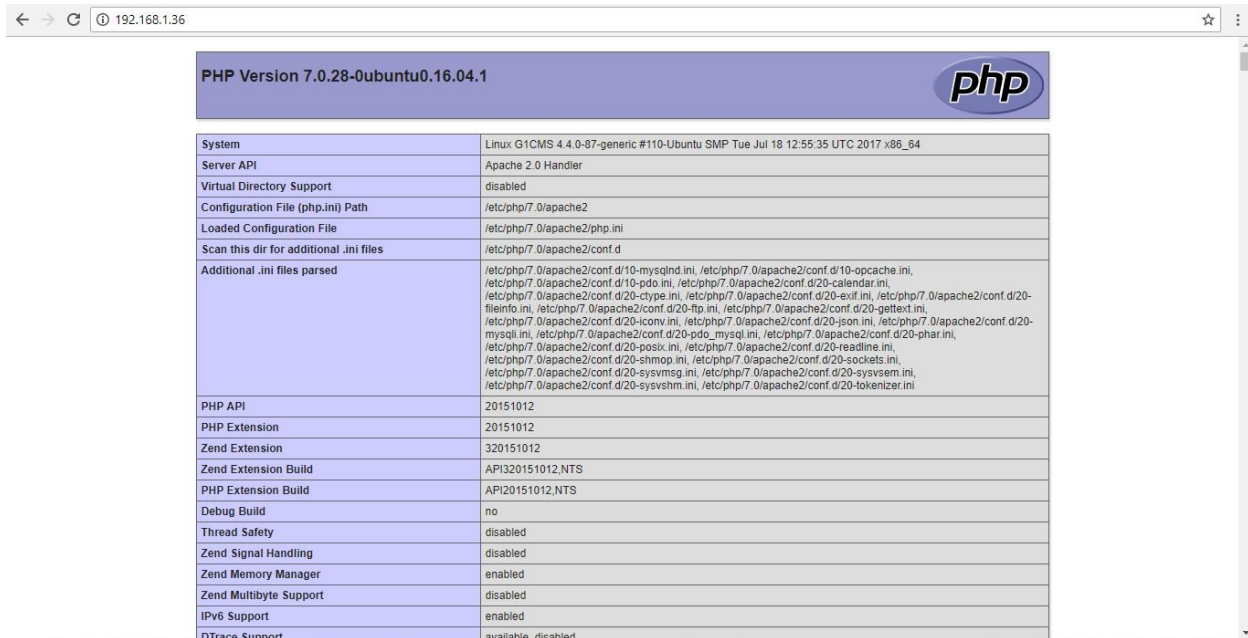
3. Edit the php file using this command,

```
gren@G1CMS:~$ sudo nano /var/www/html/index.php_
```

Place this code inside the php file.

GNU nano 2.5.3	File: /var/www/html/index.php	Modified
<pre>&lt;?php phpinfo(); ?&gt;</pre>		

4. Open your browser and enter your IP Address/domain name. You should be able to access the default page of PHP the information below indicates that the installation is successful.



PHP Version 7.0.28-0ubuntu0.16.04.1

System	Linux G1CMS 4.4.0-87-generic #110-Ubuntu SMP Tue Jul 18 12:55:35 UTC 2017 x86_64
Server API	Apache 2.0 Handler
Virtual Directory Support	disabled
Configuration File (php.ini) Path	/etc/php/7.0/apache2
Loaded Configuration File	/etc/php/7.0/apache2/php.ini
Scan this dir for additional .ini files	/etc/php/7.0/apache2/conf.d
Additional .ini files parsed	/etc/php/7.0/apache2/conf.d/10-mysqld.ini, /etc/php/7.0/apache2/conf.d/10-opcache.ini, /etc/php/7.0/apache2/conf.d/10-pdo.ini, /etc/php/7.0/apache2/conf.d/20-calendar.ini, /etc/php/7.0/apache2/conf.d/20-ctype.ini, /etc/php/7.0/apache2/conf.d/20-exif.ini, /etc/php/7.0/apache2/conf.d/20-fileinfo.ini, /etc/php/7.0/apache2/conf.d/20-ftp.ini, /etc/php/7.0/apache2/conf.d/20-gettext.ini, /etc/php/7.0/apache2/conf.d/20-iconv.ini, /etc/php/7.0/apache2/conf.d/20-json.ini, /etc/php/7.0/apache2/conf.d/20-mysqli.ini, /etc/php/7.0/apache2/conf.d/20-pdo_mysql.ini, /etc/php/7.0/apache2/conf.d/20-phar.ini, /etc/php/7.0/apache2/conf.d/20-posix.ini, /etc/php/7.0/apache2/conf.d/20-readline.ini, /etc/php/7.0/apache2/conf.d/20-shmop.ini, /etc/php/7.0/apache2/conf.d/20-sockets.ini, /etc/php/7.0/apache2/conf.d/20-sysvmsg.ini, /etc/php/7.0/apache2/conf.d/20-sysvsem.ini, /etc/php/7.0/apache2/conf.d/20-sysvshm.ini, /etc/php/7.0/apache2/conf.d/20-tokenizer.ini
PHP API	20151012
PHP Extension	20151012
Zend Extension	320151012
Zend Extension Build	API320151012.NTS
PHP Extension Build	API20151012.NTS
Debug Build	no
Thread Safety	disabled
Zend Signal Handling	disabled
Zend Memory Manager	enabled
Zend Multibyte Support	disabled
IPv6 Support	enabled
DTrace Support	available, disabled

5. Now, remove the php file.

```
gren@G1CMS:~$ sudo rm /var/www/html/index.php
```



## Install JOOMLA! Files

1. Go to Apache web server root, inside this directory download Joomla!.

```
gren@G1CMS:~$ cd /var/www/html
gren@G1CMS:/var/www/html$ sudo wget https://downloads.joomla.org/cms/joomla3/3-7-5/Joomla_3-7.5-Stable-Full_Package.zip
--2018-03-24 19:34:44-- https://downloads.joomla.org/cms/joomla3/3-7-5/Joomla_3-7.5-Stable-Full_Package.zip
Resolving downloads.joomla.org (downloads.joomla.org)... 72.29.124.146
Connecting to downloads.joomla.org (downloads.joomla.org)|72.29.124.146|:443... connected.
HTTP request sent, awaiting response... 303 See Other
Location: https://s3-us-west-2.amazonaws.com/joomla-official-downloads/joomladownloads/joomla3/Joomla_3-7.5-Stable-Full_Package.zip?X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-Credential=AKIAI26S3Q3YQH657ZRA%2F20180324%2Fus-west-2%2Fs3%2Faws4_request&X-Amz-Date=20180324T113445Z&X-Amz-Expires=60&X-Amz-SignedHeaders=host&X-Amz-Signature=33b1d28fe6ab7d53c5ac5bdd718ff0e23fdefeea04961fa7f6e3ff49002b6e34 [following]
--2018-03-24 19:34:46-- https://s3-us-west-2.amazonaws.com/joomla-official-downloads/joomladownloads/joomla3/Joomla_3-7.5-Stable-Full_Package.zip?X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-Credential=AKIAI26S3Q3YQH657ZRA%2F20180324%2Fus-west-2%2Fs3%2Faws4_request&X-Amz-Date=20180324T113445Z&X-Amz-Expires=60&X-Amz-SignedHeaders=host&X-Amz-Signature=33b1d28fe6ab7d53c5ac5bdd718ff0e23fdefeea04961fa7f6e3ff49002b6e34
Resolving s3-us-west-2.amazonaws.com (s3-us-west-2.amazonaws.com)... 52.218.200.96
Connecting to s3-us-west-2.amazonaws.com (s3-us-west-2.amazonaws.com)|52.218.200.96|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 13050565 (12M) [application/x-www-form-urlencoded]
Saving to: 'Joomla_3-7.5-Stable-Full_Package.zip'

Joomla_3-7.5-Stable-Full 100%[=====>] 12.45M 76.8KB/s in 93s

2018-03-24 19:36:23 (136 KB/s) - 'Joomla_3-7.5-Stable-Full_Package.zip' saved [13050565/13050565]

gren@G1CMS:/var/www/html$
```

2. The downloaded joomla file is currently zipped, install first 'unzip' so later on we can unzip the joomla! file.

```
gren@G1CMS:/var/www/html$ sudo apt-get install unzip
Reading package lists... Done
Building dependency tree
Reading state information... Done
Suggested packages:
  zip
The following NEW packages will be installed:
  unzip
0 upgraded, 1 newly installed, 0 to remove and 134 not upgraded.
Need to get 158 kB of archives.
After this operation, 530 kB of additional disk space will be used.
Get:1 http://ph.archive.ubuntu.com/ubuntu xenial/main amd64 unzip amd64 6.0-20ubuntu1 [158 kB]
Fetched 158 kB in 1s (158 kB/s)
Selecting previously unselected package unzip.
(Reading database ... 61175 files and directories currently installed.)
Preparing to unpack ../unzip_6.0-20ubuntu1_amd64.deb ...
Unpacking unzip (6.0-20ubuntu1) ...
Processing triggers for mime-support (3.59ubuntu1) ...
Processing triggers for man-db (2.7.5-1) ...
Setting up unzip (6.0-20ubuntu1) ...
gren@G1CMS:/var/www/html$
```

3. Unzip the downloaded joomla file.

```
gren@G1CMS:/var/www/html$ sudo unzip Joomla_3-7.5-Stable-Full_Package.zip_
```

4. Activate htaccess.

```
gren@G1CMS:/var/www/html$ sudo mv htaccess.txt .htaccess_
```

5. Set permissions to the following file

```
gren@G1CMS:/var/www/html$ sudo chown -R www-data:www-data /var/www/html
gren@G1CMS:/var/www/html$ sudo chown -R 755 /var/www/html
```

### (Create a MySQL database for JOOMLA!)

1. Type the following command to open MySQL console. Enter your password in MySQL.

```
gren@G1CMS:/var/www/html$ sudo mysql -u root -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 7
Server version: 5.7.21-0ubuntu0.16.04.1 (Ubuntu)

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affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> _
```

2. Once logged in to MySQL, create a new database for joomla. Enter this command.

**mysql>CREATE DATABASE joomla;**

3. Create a new user with password provided. When finished creating a new user, type FLUSH PRIVILEGES. Exit MySQL console.

```
mysql> grant all privileges on joomla.* to 'gabriela'@'localhost' identified by 'groupicmskayanatint
o'
-> _

mysql> FLUSH PRIVILEGES;
Query OK, 0 rows affected (0.00 sec)

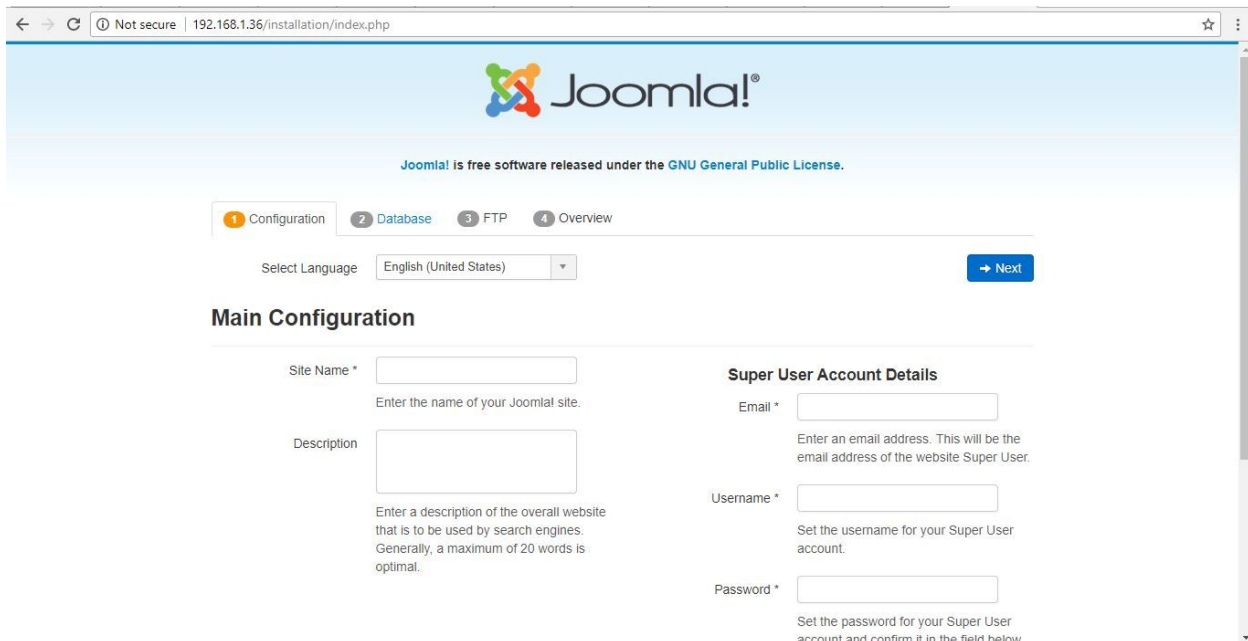
mysql> exit
Bye
gren@G1CMS:~$
```



4. Restart apache web server.


```
gren@G1CMS:~$ systemctl restart apache2
==== AUTHENTICATING FOR org.freedesktop.systemd1.manage-units ====
Authentication is required to restart 'apache2.service'.
Authenticating as: gren,,, (gren)
Password:
==== AUTHENTICATION COMPLETE ====
gren@G1CMS:~$
```

This time, when you enter your ip Address the joomla website will be accessed. To complete the installation you need to fill out the required information for each configuration.



The screenshot shows the Joomla! installation interface in a web browser. The address bar indicates the URL is 192.168.1.36/installation/index.php. The Joomla! logo is at the top, followed by the text "Joomla! is free software released under the GNU General Public License." Below this is a progress bar with four steps: 1 Configuration (active), 2 Database, 3 FTP, and 4 Overview. A "Select Language" dropdown is set to "English (United States)" with a "Next" button. The "Main Configuration" section contains two columns of form fields. The left column has "Site Name \*" and "Description" fields. The right column has "Super User Account Details" with "Email \*", "Username \*", and "Password \*" fields. Each field has a descriptive instruction below it.

← → ↻ ⓘ Not secure | 192.168.1.36/installation/index.php ☆ ⋮

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1 Configuration 2 Database 3 FTP 4 Overview

Select Language English (United States) → Next

### Main Configuration

<p>Site Name * <input type="text"/></p> <p>Enter the name of your Joomla! site.</p>	<p><b>Super User Account Details</b></p> <p>Email * <input type="text"/></p> <p>Enter an email address. This will be the email address of the website Super User.</p>
<p>Description <input type="text"/></p> <p>Enter a description of the overall website that is to be used by search engines. Generally, a maximum of 20 words is optimal.</p>	<p>Username * <input type="text"/></p> <p>Set the username for your Super User account.</p>
	<p>Password * <input type="password"/></p> <p>Set the password for your Super User account and confirm it in the field below.</p>

← → ↻ ⓘ Not secure | 192.168.1.36/installation/index.php ☆ ⋮

1 Configuration 2 Database 3 FTP 4 Overview

Select Language English (United States) → → Next

## Main Configuration

Site Name *	<input type="text" value="Medical Clinic"/>	<b>Super User Account Details</b>
	Enter the name of your Joomla! site.	Email * <input type="text" value="2143553@slu.edu.ph"/>
		Enter an email address. This will be the email address of the website Super User.
Description	<input type="text" value="medical clinic website testing."/>	
	Enter a description of the overall website that is to be used by search engines. Generally, a maximum of 20 words is optimal.	Username * <input type="text" value="gren"/>
		Set the username for your Super User account.
		Password * <input type="password" value="....."/>
		Set the password for your Super User account and confirm it in the field below.
		Confirm Administrator Password * <input type="password" value="....."/>
Site Offline	<span>Yes</span> <span>No</span>	
	Set the site Frontend offline when installation is completed. The site can be set online later on through the Global Configuration	

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1 Configuration 2 Database 3 FTP 4 Overview

## Database Configuration

← Previous → Next

Database Type *	<input type="text" value="MySQLi"/>
	This is probably "MySQL".
Host Name *	<input type="text" value="localhost"/>
	This is usually "localhost" or a name provided by your host.
Username *	<input type="text" value="root"/>
	Either a username you created or a username provided by your host.
Password	<input type="password" value="....."/>
	For site security using a password for the database account is mandatory.
Database Name *	<input type="text" value="joomla"/>
	Some hosts allow only a certain DB name per site. Use table prefix in this case for distinct Joomla! sites.
Table Prefix *	<input type="text" value="agn69_"/>
	Create a table prefix or use the randomly generated one. Ideally four or five characters long, it may only contain alphanumeric characters and MUST end in an underscore. Make sure that the prefix chosen is not already used by other tables.
Old Database Process *	<span>Backup</span> <span>Remove</span>

← → ↻ ⓘ Not secure | 192.168.1.36/installation/index.php#

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1 Configuration 2 Database 3 FTP 4 Overview

## FTP Configuration

← Previous → Next

Enable FTP Layer \* ☐ Yes ☒ No

FTP Username

Warning! It is recommended to leave this blank and enter your FTP username each time you transfer files.

FTP Password

Warning! It is recommended to leave this blank and enter your FTP password each time you transfer files.

✓ Verify FTP Settings


FTP Host

FTP Port

Save FTP Password \* ☐ Yes ☒ No

← Previous → Next

← → ↻ ⓘ Not secure | 192.168.1.36/installation/index.php#

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1 Configuration 2 Database 3 FTP 4 Overview

## Finalization

← Previous → Install

Install Sample Data ☐ None (Required for basic native multilingual site creation)

- ☐ Blog English (GB) Sample Data
- ☐ Brochure English (GB) Sample Data
- ☒ Default English (GB) Sample Data
- ☐ Learn Joomla English (GB) Sample Data

Installing sample data is strongly recommended for beginners.  
This will install sample content that is included in the Joomla! installation package.

## Overview

Email Configuration ☐ Yes ☒ No

Send configuration settings to  by email after installation.

## Main Configuration

Site Name	Medical Clinic
Description	medical clinic website testing.
Site Offline	No
Email	2143553@slu.edu.ph
Username	gren
Password	***

## Database Configuration

Database Type	mysql
Host Name	localhost
Username	root
Password	***
Database Name	joomla
Table Prefix	agn69_
Old Database Process	<a href="#">Remove</a>

## FTP Configuration

Enable FTP Layer	No
------------------	----

## Pre-Installation Check

If any of these items are not supported (marked as **No**) then please take actions to correct them.  
You can't install Joomla! until your setup meets the requirements below.

PHP Version >= 5.3.10	Yes
Magic Quotes GPC Off	Yes
Register Globals Off	Yes
Zlib Compression Support	Yes
XML Support	Yes
Database Support: (pdo, mysqli, pdo_mysql)	Yes
INI Parser Support	Yes
JSON Support	Yes
Mcrypt Support	Yes
configuration.php Writeable	No 


## Recommended settings:

These settings are recommended for PHP in order to ensure full compatibility with Joomla.  
However, Joomla! will still operate if your settings do not quite match the recommended configuration.

Directive	Recommended	Actual
Safe Mode	Off	Off
Display Errors	Off	Off
File Uploads	On	On
Magic Quotes Runtime	Off	Off
Output Buffering	Off	On
Session Auto Start	Off	Off
Native ZIP support	On	Off

[← Previous](#)[→ Install](#)

← → ↻ ⓘ Not secure | 192.168.1.36/installation/index.php#

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**Congratulations! Joomla! is now installed.**

### Joomla! in your own language and/or automatic basic native multilingual site creation

Before removing the installation folder you can install extra languages. If you want to add extra languages to your Joomla! application select the following button.

→ Extra steps: [Install languages](#)

Note: you will need internet access for Joomla! to download and install the new languages. Some server configurations won't allow Joomla! to install the languages. If this is your case, don't worry, you will be able to install them later using the Joomla! Administrator.

PLEASE REMEMBER TO COMPLETELY REMOVE THE INSTALLATION FOLDER. You will not be able to proceed beyond this point until the installation folder has been removed. This is a security feature of Joomla!

[Remove installation folder](#)

← → ↻ ⓘ Not secure | 192.168.1.36/installation/index.php#

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**Message**  
Joomla has set en-GB as your default SITE language.  
Joomla has set en-GB as your default ADMINISTRATOR language.

**Congratulations! Joomla! is now installed.**

PLEASE REMEMBER TO COMPLETELY REMOVE THE INSTALLATION FOLDER. You will not be able to proceed beyond this point until the installation folder has been removed. This is a security feature of Joomla!

[Installation folder successfully removed](#)

[Site](#) [Administrator](#)

PHP configuration:

- change **max\_execution\_time** to 3000 and **memory\_limit** to 128M

```
GNU nano 2.5.3      File: /etc/php/7.0/cli/php.ini      Modified

; http://php.net/expose-php
expose_php = On

;;;;;;;;;;;;;;;;;;;;
; Resource Limits ;
;;;;;;;;;;;;;;;;;;;;

; Maximum execution time of each script, in seconds
; http://php.net/max-execution-time
; Note: This directive is hardcoded to 0 for the CLI SAPI
max_execution_time = 3000

; Maximum amount of time each script may spend parsing request data. It's a good
; idea to limit this time on productions servers in order to eliminate unexpectedly
; long running scripts.
; Note: This directive is hardcoded to -1 for the CLI SAPI
; Default Value: -1 (Unlimited)
; Development Value: 60 (60 seconds)
; Production Value: 60 (60 seconds)
; http://php.net/max-input-time
max_input_time = 60

; Maximum input variable nesting level
; http://php.net/max-input-nesting-level
;max_input_nesting_level = 64

; How many GET/POST/COOKIE input variables may be accepted
; max_input_vars = 1000

; Maximum amount of memory a script may consume (128MB)
; http://php.net/memory-limit
memory_limit = 128MB

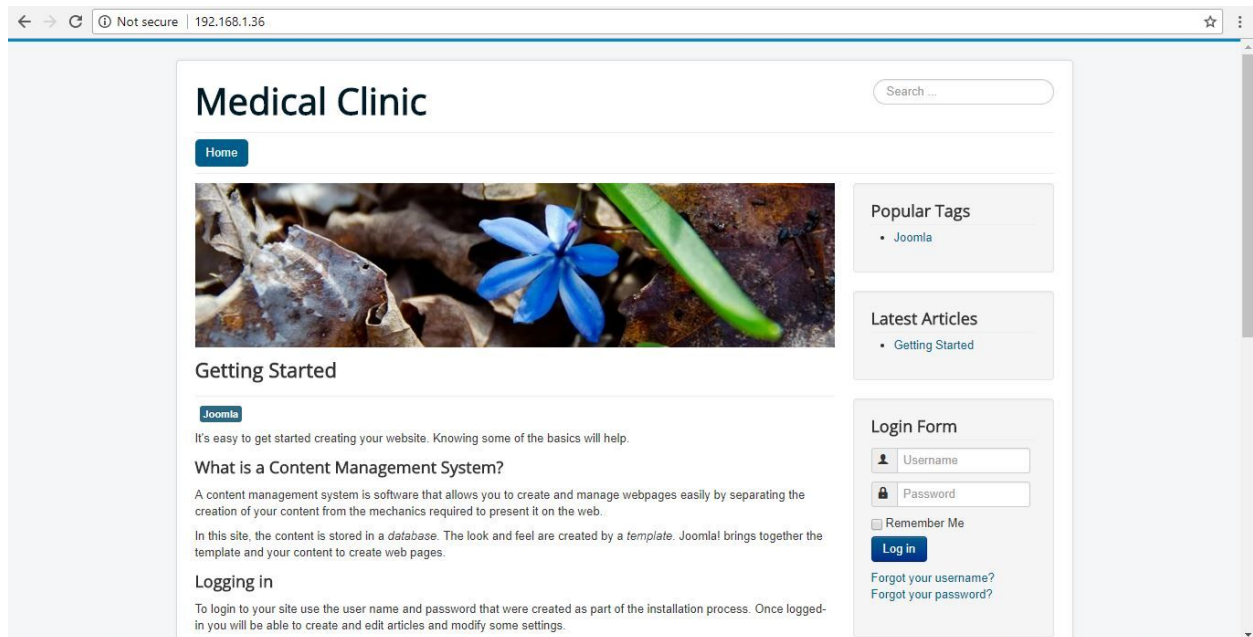
^G Get Help  ^O Write Out  ^W Where Is   ^K Cut Text   ^J Justify    ^C Cur Pos    ^Y Prev Page
^X Exit      ^R Read File  ^_ Replace    ^U Uncut Text ^T To Spell   ^_ Go To Line  ^V Next Page
```

Restart the server

```
gren@G1CMS:~$ systemctl restart apache2
==== AUTHENTICATING FOR org.freedesktop.systemd1.manage-units ====
Authentication is required to restart 'apache2.service'.
Authenticating as: gren,,, (gren)
Password:
==== AUTHENTICATION COMPLETE ====
gren@G1CMS:~$ _
```



When you enter the IP address of your server, you will now be able to access the homepage and notice that the website name that we indicated in the main configuration is shown.



For backend, super user; administrator; and manager, add /administrator after the ip address/domain name.

(for frontend users, there is a login form for them in the homepage)



Now that you are logged-in, you will see the control panel that contains all the features, plugins, etc. to help you in creating and managing the website. These is for the backend users.

The screenshot displays the Joomla! administrator interface. At the top, a navigation menu includes 'System', 'Users', 'Menus', 'Content', 'Components', 'Extensions', and 'Help'. The 'Control Panel' header is prominent, featuring the Joomla! logo and the site name 'Medical Clinic'. A notification bar indicates that Joomla! 3.8.6 is available for update. A large blue box requests permission to collect basic statistics, with options to 'Always', 'Once', or 'Never' enable it. The left sidebar contains sections for 'CONTENT' (New Article, Articles, Categories, Media), 'STRUCTURE' (Menu(s), Modules), and 'USERS'. The main content area shows 'You have post-installation messages' with a 'Read Messages' button, a 'LOGGED-IN USERS' table listing 'Super User Administration' with a timestamp of '2018-03-24 17:11', and a 'POPULAR ARTICLES' section. The bottom status bar shows 'View Site', '0 Visitors', '1 Administrator', '0 Messages', and a 'Log out' link. The footer indicates 'Joomla! 3.7.5' and '© 2018 Medical Clinic'.

192.168.1.36/administrator/index.php

System Users Menus Content Components Extensions Help Medical Clinic

Control Panel Joomla!

Joomla 3.8.6 is available. [Update Now](#)

**Joomla! would like your permission to collect some basic statistics.**

In order to better understand our install base and end user environments it is helpful if you send some site information back to a Joomla! controlled central server. No identifying data is captured at any point. You can change these settings later from Plugins > System - Joomla! Statistics. [Click here to see the information that will be sent.](#)

Enable Joomla Statistics?

**CONTENT**

- New Article
- Articles
- Categories
- Media

**STRUCTURE**

- Menu(s)
- Modules

**USERS**

**You have post-installation messages**

There are important post-installation messages that require your attention. This information area won't appear when you have hidden all the messages.

[Read Messages](#)

**LOGGED-IN USERS**

Super User Administration	2018-03-24 17:11
---------------------------	------------------

**POPULAR ARTICLES**

[View Site](#) | **0** Visitors | **1** Administrator | **0** Messages | [Log out](#)

Joomla! 3.7.5 — © 2018 Medical Clinic

## EXTENSIONS

- **Templates.** Joomla! By default has two templates. You can buy or install free templates through online.

The screenshot shows the Joomla! administrator interface. At the top, the 'Extensions' menu is open, displaying options: Manage, Modules, Plugins, Templates, and Language(s). The main content area is titled 'Templates: Styles (Site)'. It includes a toolbar with 'Default', 'Edit', 'Duplicate', and 'Delete' buttons. A left sidebar shows 'Styles' and 'Templates' options. A green message box states 'Default style set.' Below this is a blue notification box asking for permission to collect statistics, with 'Always', 'Once', and 'Never' buttons. A search bar is present with a dropdown for 'Site', a search input, a search icon, 'Search Tools', and a 'Clear' button. To the right of the search bar are sorting options: 'Template ascending' and a page count of '20'. The main table lists styles with columns: Style, Default, Pages, Template, and ID.

Style	Default	Pages	Template	ID
Beez3 - Default		Default for all pages	Beez3	4
protostar - Default		Not assigned	Protostar	7

At the bottom of the page, the URL is `192.168.1.38/administrator/index.php?option=com_templates&view=styles#` and the footer text is 'Joomla! 3.7.5 — © 2018 Medical Clinic'.

- **Modules.** All modules will be part of the website unless you unpublished. You can create new ones or edit/customize existing modules, for example, the login form, you can customize, choose what page/s you want it to appear and where you are going to position it.

Status	Title	Position	Type	Pages	Access	Language	ID
	AS Menu	None	AS Menu	None	Public	All	94
	Articles - Single	None	Articles - Single	None	Public	All	95
	AS ArtSlider	None	AS ArtSlider	None	Public	All	96
	News Show Pro GK5	None	News Show Pro GK5	None	Public	All	97
	REMINDER!	None	Feed Display	All	Public	All	100
	Search	position-0	Search	All	Public	All	93
	Main Menu	position-1	Menu	All	Public	All	1
	Login Form	position-2	Login	Selected	Public	All	16
	Breadcrumbs	position-2	Breadcrumbs	All	Public	All	17
	Image Module	position-3	Custom	All	Public	All	92

**Modules: Login**

Save Save & Close Save & New Save as Copy Close

Title \* Login Form (for new patients)

Module Menu Assignment Advanced Permissions

**Login**

Site

This module displays a username and password login form. It also displays a link to retrieve a forgotten password. If user registration is enabled (in Users > Manage > Options), another link will be shown to enable self-registration for users.

Pre-text

Post-text

Show Title Show Hide

Position position-2

Status Published

Start Publishing 2018-04-04 04:22

Finish Publishing

Access

Finish Publishing An optional date to Finish Publishing the module.

View Site 0 Visitors 1 Administrator 0 Messages Log out Joomla! 3.7.5 © 2018 Medical Clinic

## CONTENT

- To add new menu click +new. To edit a menu, click on the existing name of the menu that you want to edit.

192.168.1.38/administrator/index.php?option=com\_menus&view=items&menutype=mainmenu

System Users Menus Content Components Extensions Help

Medical Clinic

Menus: Items (Main Menu)

New Edit Publish Unpublish Check-in Home Rebuild Batch Trash Help Options

Menus

Menu Items

Joomla! would like your permission to collect some basic statistics.

In order to better understand our install base and end user environments it is helpful if you send some site information back to a Joomla! controlled central server. No identifying data is captured at any point. You can change these settings later from Plugins > System - Joomla! Statistics. [Click here to see the information that will be sent.](#)

Enable Joomla Statistics?

Always Once Never

Site Main Menu Search Search Tools Clear

Ordering ascending 20

Status	Title	Menu	Home	Access	Language	ID
<input checked="" type="checkbox"/>	Home (Alias: homepage) Articles > Single Article	Main Menu	<input checked="" type="checkbox"/>	Public	All	101
<input checked="" type="checkbox"/>	About sa Clinic (Alias: about-sa-clinic) Articles > Featured Articles	Main Menu	<input type="checkbox"/>	Public	All	109

View Site 0 Visitors 1 Administrator 0 Messages Log out Joomla! 3.7.5 — © 2018 Medical Clinic

- This is a sample content of our website for the purpose of testing and utilization of other features.

192.168.5.31/index.php

SLU Clinic

Try lungs nemen

Home About New Patient Registered Patients Downloadable Forms Site Admin and Developers

Latest Articles

- The Clinic
- Saint Louis University Clinic Laboratories

Saint Louis University Clinic Laboratories

Operating Hour

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
7:30 - 12:00 am 1:00 - 5:30 pm	7:30 - 12:00 am 1:00 - 5:30 pm	7:30 - 12:00 am 1:00 - 5:30 pm	7:30 - 12:00 am 1:00 - 5:00 pm	7:30 - 12:00 am 1:00 - 5:00 pm

DENTAL CLINIC [ Vision - Mission ]  
We envision SLU Dental Clinic ...

## ARTICLE

- To add a new article, click article under Content.

The screenshot displays the Joomla! 3.7.5 administrator interface. The top navigation bar includes links for System, Users, Menus, Content, Components, Extensions, and Help. The current page is 'Articles: Edit' for an article titled 'Medical Clinic'. The article's alias is 'hours'. The main content area features a WYSIWYG editor with a toolbar and a text area containing the title 'Operating Hour' and a table with columns for days of the week (TUESDAY, WEDNESDAY, THURSDAY, FRIDAY, SATURDAY). The right sidebar contains metadata fields: Status (Published), Category (Uncategorised), Featured (No), Access (Public), Language (All), and Tags. The bottom status bar shows 0 visitors and 1 administrator.

Medical Clinic

Alias: hours

Content | Images and Links | Options | Publishing | Configure Edit Screen | Permissions

Operating Hour

TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY

Status: Published

Category: - Uncategorised

Featured: No

Access: Public

Language: All

Tags:

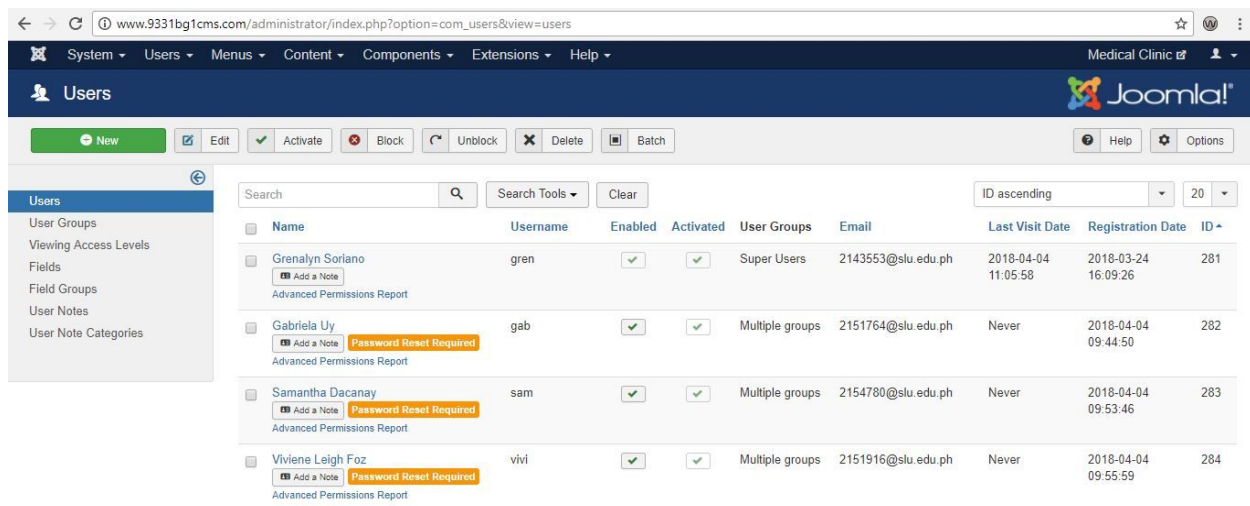
View Site | 0 Visitors | 1 Administrator | 0 Messages | Log out

Joomla! 3.7.5 — © 2018 Medical Clinic



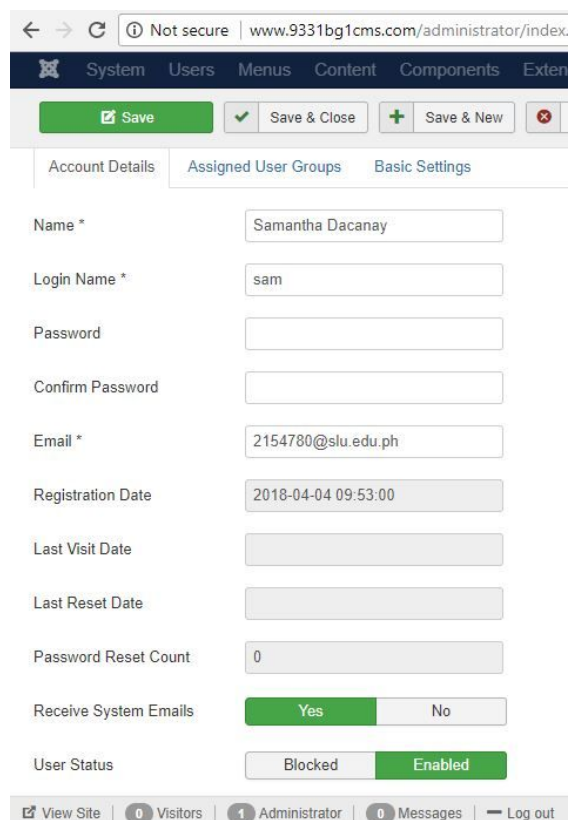
## CREATE/ADDING OF USERS

- To add users, click +new and fill out the information for that user, email address, name, username, password. Go to assigned user groups and tick the box/es that you want to grant for the new user. There are 9 group users, Public; Guest; Manager; Administrator; Registered; Author; Editor; Publisher; Super Users. Each have different access level.



The screenshot shows the Joomla! administrator interface for the 'Users' section. The top navigation bar includes 'System', 'Users', 'Menus', 'Content', 'Components', 'Extensions', and 'Help'. The 'Users' section is active, and the 'New' button is highlighted. The main content area displays a table of users with columns: Name, Username, Enabled, Activated, User Groups, Email, Last Visit Date, Registration Date, and ID. The table lists four users: Grenalyn Soriano (ID 281), Gabriela Uy (ID 282), Samantha Dacanay (ID 283), and Vivienne Leigh Foz (ID 284). Each user entry has a 'Password Reset Required' warning and an 'Add a Note' button. The left sidebar shows the 'Users' menu with options like 'User Groups', 'Viewing Access Levels', 'Fields', 'Field Groups', 'User Notes', and 'User Note Categories'.

Name	Username	Enabled	Activated	User Groups	Email	Last Visit Date	Registration Date	ID
Grenalyn Soriano	gren	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Super Users	2143553@slu.edu.ph	2018-04-04 11:05:58	2018-03-24 16:09:26	281
Gabriela Uy	gab	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Multiple groups	2151764@slu.edu.ph	Never	2018-04-04 09:44:50	282
Samantha Dacanay	sam	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Multiple groups	2154780@slu.edu.ph	Never	2018-04-04 09:53:46	283
Vivienne Leigh Foz	vivi	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Multiple groups	2151916@slu.edu.ph	Never	2018-04-04 09:55:59	284



The screenshot shows the Joomla! administrator interface for the 'Users' section, specifically the 'Basic Settings' tab for a new user. The form includes fields for Name, Login Name, Password, Confirm Password, Email, Registration Date, Last Visit Date, Last Reset Date, Password Reset Count, Receive System Emails, and User Status. The 'Save' button is highlighted. The bottom status bar shows 'View Site', '0 Visitors', '1 Administrator', '0 Messages', and a 'Log out' button.

Account Details | Assigned User Groups | Basic Settings

Name \* Samantha Dacanay

Login Name \* sam

Password

Confirm Password

Email \* 2154780@slu.edu.ph

Registration Date 2018-04-04 09:53:00

Last Visit Date

Last Reset Date

Password Reset Count 0

Receive System Emails Yes No

User Status Blocked Enabled

View Site | 0 Visitors | 1 Administrator | 0 Messages | Log out

System Users Menus Content Components Extensions Help

Save Save & Close Save & New Close

**Samantha Dacanay**

Account Details Assigned User Groups Basic Settings

- ☐ Public
- ☐ – Guest
- ☐ – Manager
- ☒ – Administrator
- ☒ – Registered
- ☒ – Author
- ☒ – Editor
- ☒ – Publisher
- ☐ – Super Users

View Site 0 Visitors 1 Administrator 0 Messages Log out

## **Online Resources**

<https://www.vultr.com/docs/installing-joomla-on-ubuntu-16-04>

<https://www.youtube.com/watch?v=uldf9l8j-SI>