LAPORAN PEMROSESAN PARALEL

"Wordpress"

Nama   : **MUHAMMAD ARIF ABDILLAH**

NIM   : **09011182126008**

Jurusan   : **SISTEM KOMPUTER 5B INDRALAYA**

Dosen   : **ADI HERMANSYAH, M.T**

FAKULTAS ILMU KOMPUTER

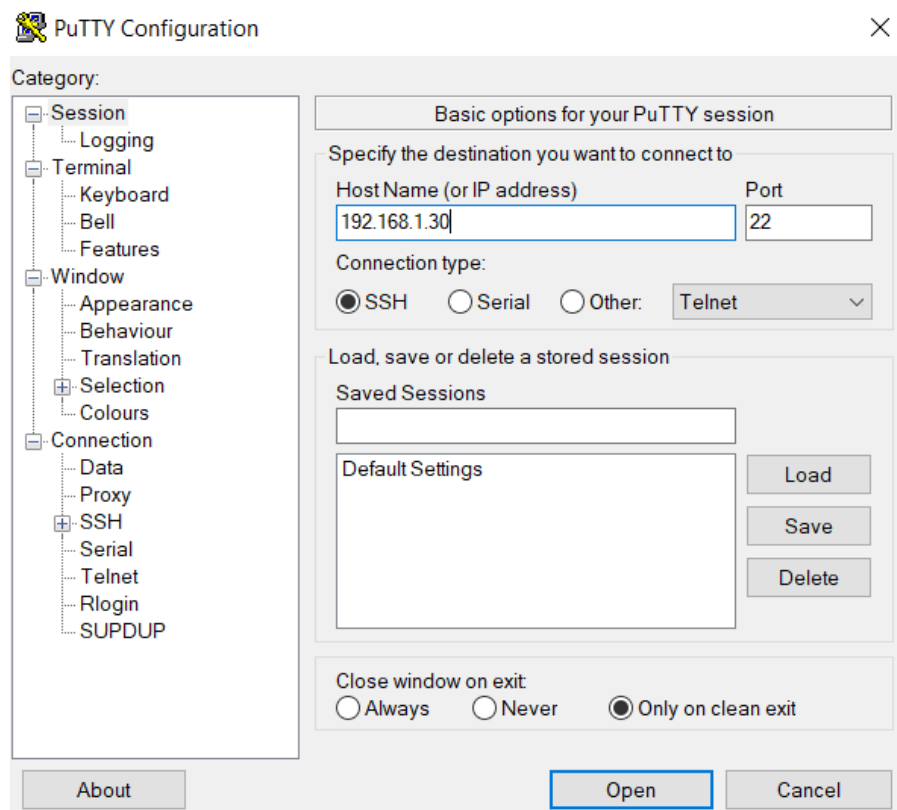**JURUSAN SISTEM KOMPUTER**

UNIVERSITAS SRIWIJAYA

2023

1. **Setelah login ke ubuntu, ketik ifconfig -a untuk mengecek ip**

2. **Masuk/Login ke Ubuntu Server menggunakan Putty SSH server, lalu masukan hostname/ip address**

3. Login ke putty

4. Untuk menginstal server web Apache, jalankan perintah berikut:

sudo apt update

sudo apt install apache2

5. Setelah instalasi selesai, aktifkan dan mulai Apache:

sudo systemctl start apache2

sudo systemctl enable apache2

```
abdillah@abdillah:~$ sudo systemctl start apache2
abdillah@abdillah:~$ sudo systemctl enable apache2
Synchronizing state of apache2.service with SysV service script with /lib/system
d/systemd-sysv-install.
Executing: /lib/systemd/systemd-sysv-install enable apache2
abdillah@abdillah:~$
```

6. Instal PHP dan modul yang diperlukan untuk berjalan bersama Apache:

sudo apt install php libapache2-mod-php php-mysql

Setelah instalasi, pastikan PHP bekerja dengan Apache dengan baik:

sudo systemctl restart apache2

```
abdillah@abdillah: ~                                          —    □    ×
abdillah@abdillah:~$ sudo apt install php libapache2-mod-php php-mysql
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  libapache2-mod-php8.1 php-common php8.1 php8.1-cli php8.1-common
  php8.1-mysql php8.1-opcache php8.1-readline
abdillah@abdillah:~$ sudo systemctl restart apache2
abdillah@abdillah:~$
```

7. Instal Database Server (MySQL):

Berikut contoh penggunaan Mysql:

sudo apt install mariadb-server

Setelah instalasi selesai, amankan instalasi mysql:

sudo mysql_secure_installation

8. Buat Database dan Pengguna Database

Log masuk ke mysql sebagai root:

sudo mysql

Buat database baru dan pengguna database untuk WordPress. Gantilah `nama_database`, `nama_pengguna`, dan `password_pengguna`

9. Instal WordPress:

Unduh dan ekstrak arsip WordPress ke direktori web root. Gantilah `nama_folder` dengan nama folder yang diinginkan:

```
abdillah@abdillah:~$ cd /var/www/html
abdillah@abdillah:/var/www/html$ sudo wget https://wordpress.org/latest.tar.gz
--2023-10-29 10:25:12--  https://wordpress.org/latest.tar.gz
Resolving wordpress.org (wordpress.org)... 198.143.164.252
Connecting to wordpress.org (wordpress.org)|198.143.164.252|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 23465047 (22M) [application/octet-stream]
Saving to: 'latest.tar.gz'

latest.tar.gz       100%[===================>]  22,38M  1,59MB/s    in 19s

2023-10-29 10:25:32 (1,16 MB/s) - 'latest.tar.gz' saved [23465047/23465047]

abdillah@abdillah:/var/www/html$
```

```
abdillah@abdillah:/var/www/html$ sudo tar -xzvf latest.tar.gz
```

```
abdillah@abdillah:/var/www/html$ sudo mv wordpress abdillah_folder
abdillah@abdillah:/var/www/html$
```

10. Konfigurasi WordPress:

Buat salinan file konfigurasi WordPress:

```
abdillah@abdillah:/var/www/html$ sudo nano /var/www/html/abdillah_folder/wp-conf
ig.php
abdillah@abdillah:/var/www/html$
```

Selanjutnya, edit file `wp-config.php`:

```
abdillah@abdillah:/var/www/html$ sudo mv wordpress abdillah_folder
abdillah@abdillah:/var/www/html$ sudo cp /var/www/html/abdillah_folder/wp-config
-sample.php /var/www/html/abdillah_folder/wp-config.php
abdillah@abdillah:/var/www/html$
```

Ganti konfigurasi database dengan informasi yang sesuai yang telah dibuat sebelumnya:

```
  GNU nano 6.2        /var/www/html/abdillah_folder/wp-config.php *
 * @package WordPress
 */

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

/** Database username */
define( 'DB_USER', 'abdillah' );

/** Database password */
define( 'DB_PASSWORD', '123Bpmpty_' );

/** Database hostname */
define( 'DB_HOST', 'localhost' );

/** Database charset to use in creating database tables. */
define( 'DB_CHARSET', 'utf8' );

/** The database collate type. Don't change this if in doubt. */

^G Help      ^O Write Out  ^W Where Is   ^K Cut        ^T Execute    ^C Location
^X Exit      ^R Read File  ^\ Replace    ^U Paste      ^J Justify    ^/ Go To Line
```

11. Setel Hak Akses:

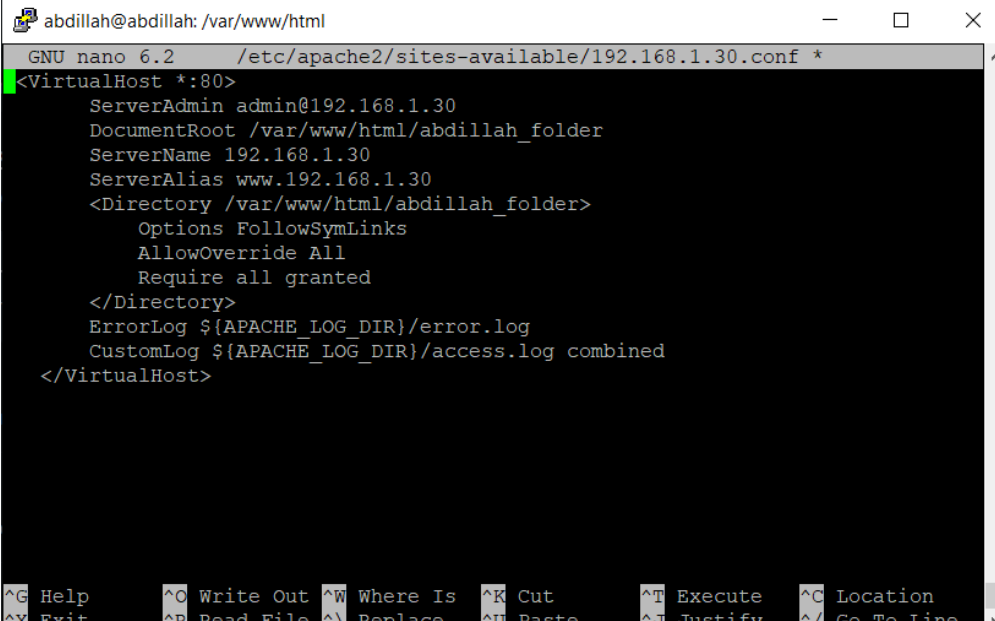Pastikan Apache memiliki hak akses yang tepat ke folder WordPress:

```
abdillah@abdillah:/var/www/html$ sudo chown -R www-data:www-data /var/www/html/a
bdillah_folder
abdillah@abdillah:/var/www/html$
```

12. Konfigurasi Web Server:

Buat konfigurasi server web Apache untuk mengarahkan permintaan ke WordPress. Buat file konfigurasi baru:

```
abdillah@abdillah:/var/www/html$ sudo nano /etc/apache2/sites-available/192.168.
1.30.conf
abdillah@abdillah:/var/www/html$
```

Isi konfigurasi server web:

```
abdillah@abdillah: /var/www/html                                    —    □    ×

  GNU nano 6.2      /etc/apache2/sites-available/192.168.1.30.conf *
<VirtualHost *:80>
        ServerAdmin admin@192.168.1.30
        DocumentRoot /var/www/html/abdillah_folder
        ServerName 192.168.1.30
        ServerAlias www.192.168.1.30
        <Directory /var/www/html/abdillah_folder>
            Options FollowSymLinks
            AllowOverride All
            Require all granted
        </Directory>
        ErrorLog ${APACHE_LOG_DIR}/error.log
        CustomLog ${APACHE_LOG_DIR}/access.log combined
</VirtualHost>




^G Help       ^O Write Out ^W Where Is  ^K Cut       ^T Execute   ^C Location
^X Exit       ^R Read File ^\ Replace   ^U Paste     ^J Justify   ^/ Go To Line
```

13. Aktifkan Konfigurasi dan restart Apache:

Aktifkan konfigurasi situs dan restart Apache:

```
abdillah@abdillah:/var/www/html$ sudo nano /etc/apache2/sites-available/192.168.
1.30.conf
abdillah@abdillah:/var/www/html$ sudo a2ensite 192.168.1.30.conf
Enabling site 192.168.1.30.
To activate the new configuration, you need to run:
  systemctl reload apache2
abdillah@abdillah:/var/www/html$
```

```
abdillah@abdillah:/var/www/html$ sudo systemctl restart apache2
abdillah@abdillah:/var/www/html$
```
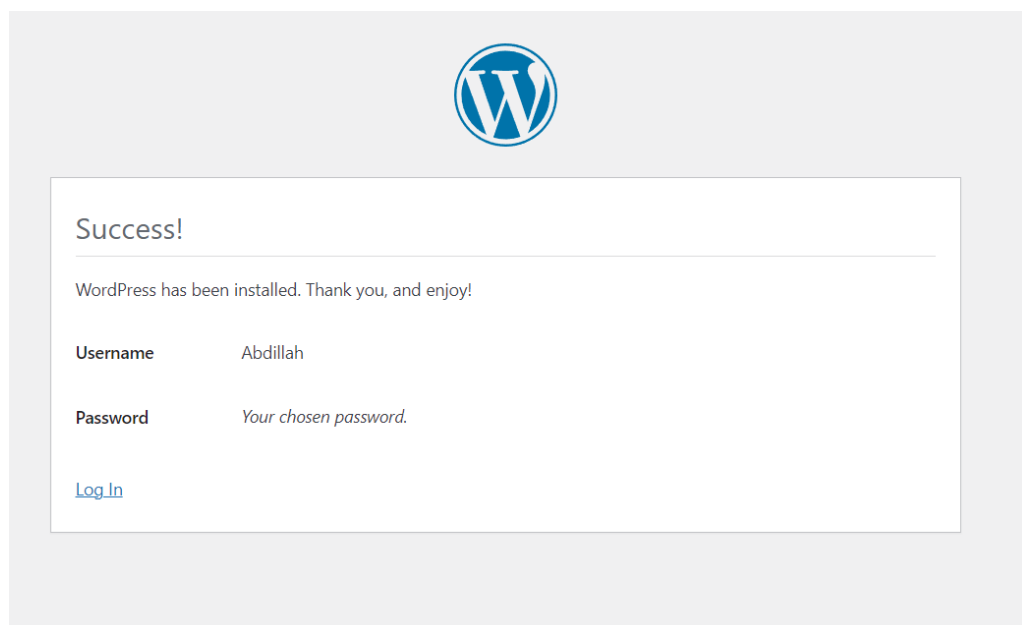
14. Cek status keaktifan apache2:

15. Lalu ke web dan ketik sesuai domain "http://192.168.1.30/wp-admin/install.php" maka tampilan akan berubah seperti ini:

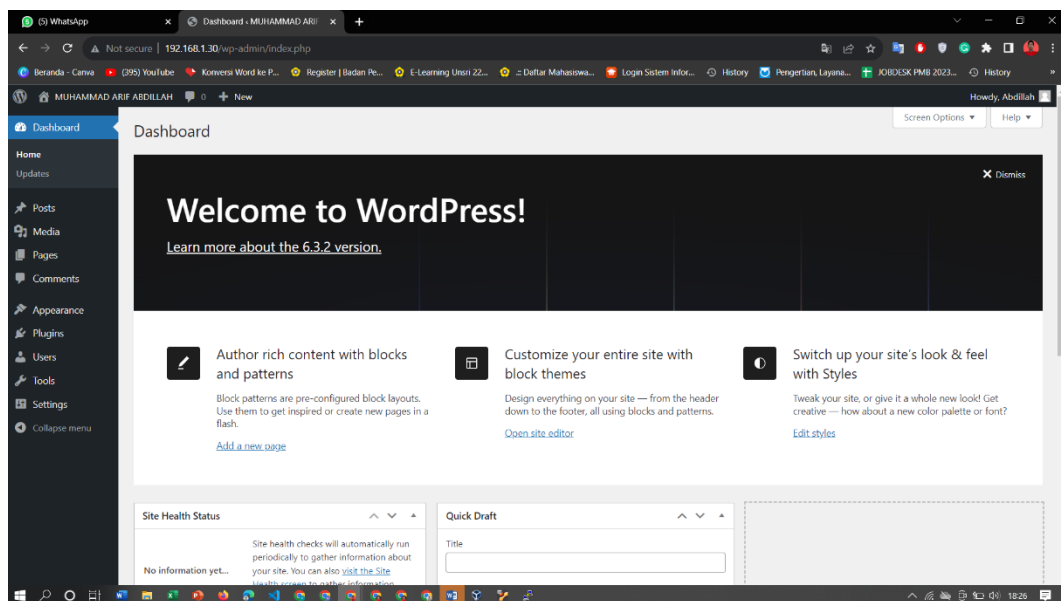**Kemudian langsung masuk ke admin page:**

Ini adalah tampilan Homepage untuk Admin Server:

Ini adalah tampilan Halaman Web anda pada saat pengunjung masuk: