

Backend Laravel Installation Guide.

WATCH INSTALLATION VIDEO -  OS Laravel and React software Install in cPanel | ERP OS, CRM ...

IMPORTANT NOTE: Follow the steps sequentially otherwise the application may not work properly.

Pre-requisites:

1. Download and Install the **XAMPP** latest version or with php version 8.1+ from the official website [here](#)

If face any difficulties here is a very good tutorial to install Xampp:

<https://www.geeksforgeeks.org/how-to-install-xampp-on-windows/>

2. Download and install Composer: <https://getcomposer.org/download/>

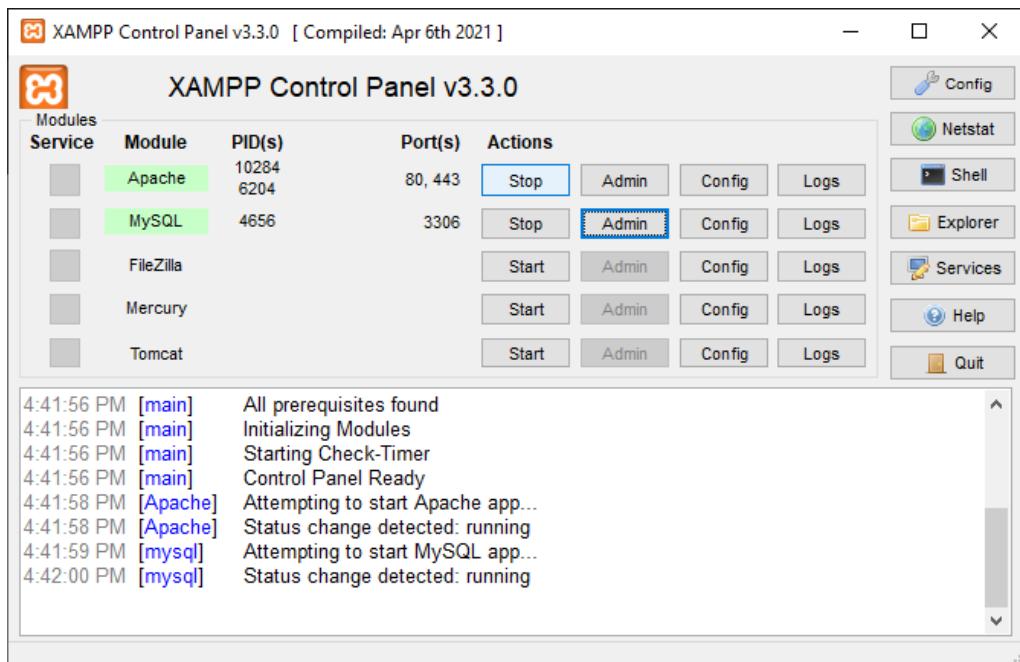
If face any problem follow this article :

<https://www.hostinger.com/tutorials/how-to-install-composer>

STEP 1

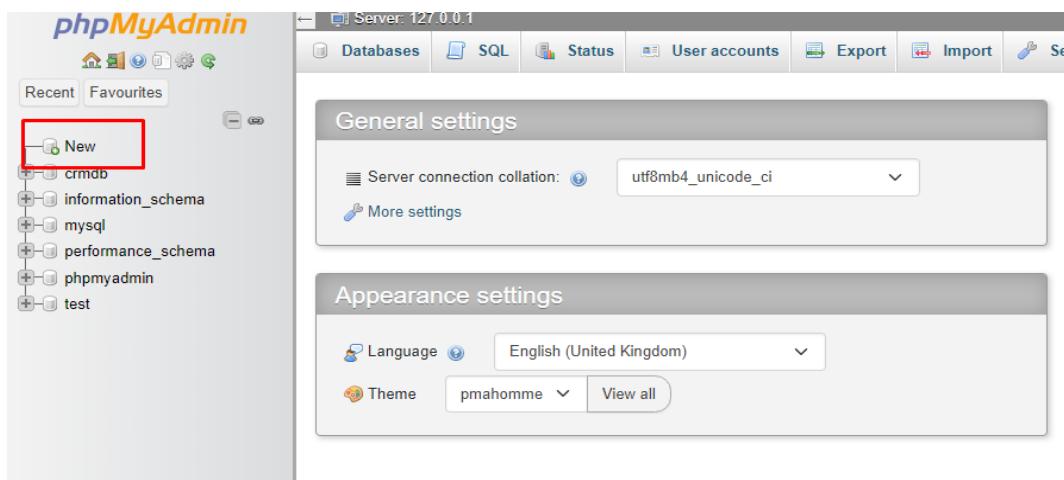
Database - Php & Mysql

1. At the time of installation keep a note about the **database name** **username**, **password**, and port number.
2. After installing **Xampp**, first you have to **run the Xampp** server. Run xampp from your computer, You will see an interface like this.
3. **Xampp** will automatically install **php v8.1+, MySQL, Apache** and other necessary files.

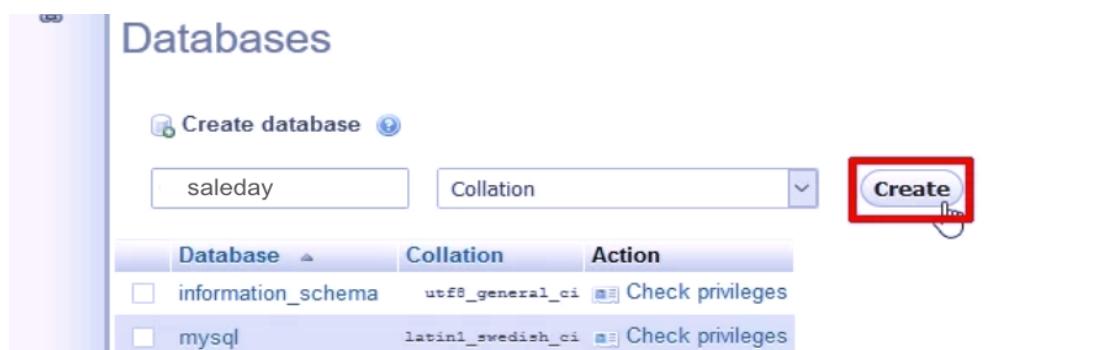


Click on Apache Start and MySQL start.

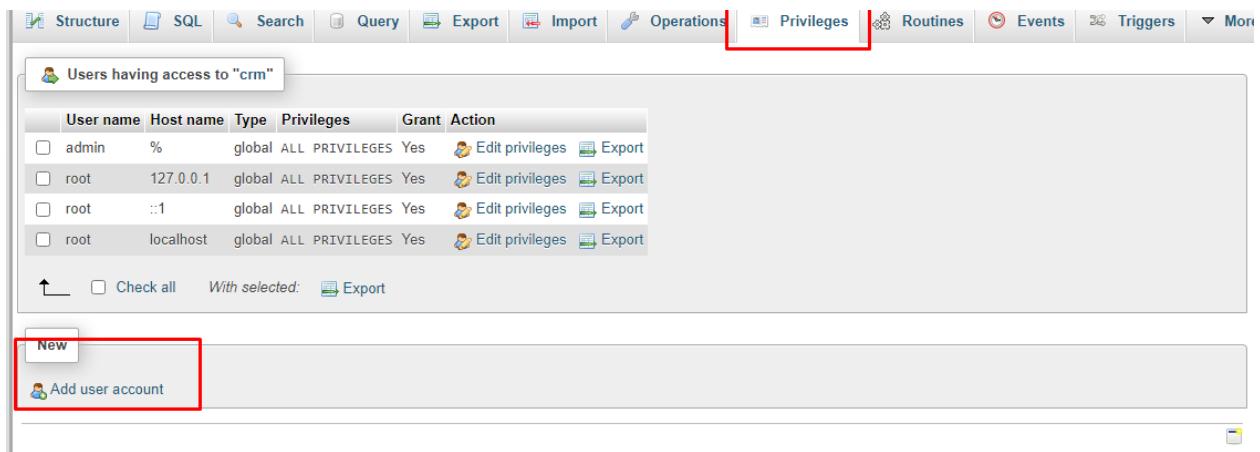
4. Now you have to **create a database**. To create a database click on Admin button besides MySQL or goto <http://localhost/phpmyadmin/> and click on New.



Give a database name: in my case its *saleday*



Now we have to create an admin user for the database, now open your database crm and goto Privileges and Click on Add user account.

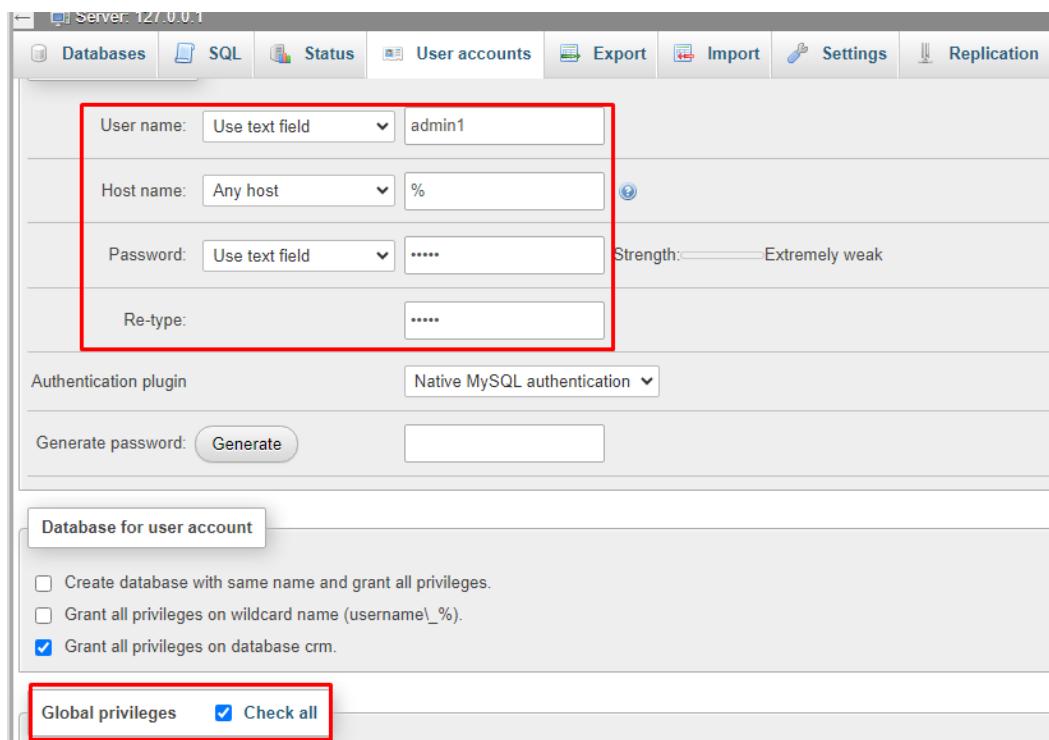


Users having access to "crm"

User name	Host name	Type	Privileges	Grant	Action
admin	%	global	ALL PRIVILEGES	Yes	Edit privileges Export
root	127.0.0.1	global	ALL PRIVILEGES	Yes	Edit privileges Export
root	::1	global	ALL PRIVILEGES	Yes	Edit privileges Export
root	localhost	global	ALL PRIVILEGES	Yes	Edit privileges Export

New [Add user account](#)

Now Add User account with username and password and check Global privileges Check all .



User name: Host name: %

Password: Re-type:

Authentication plugin: Native MySQL authentication

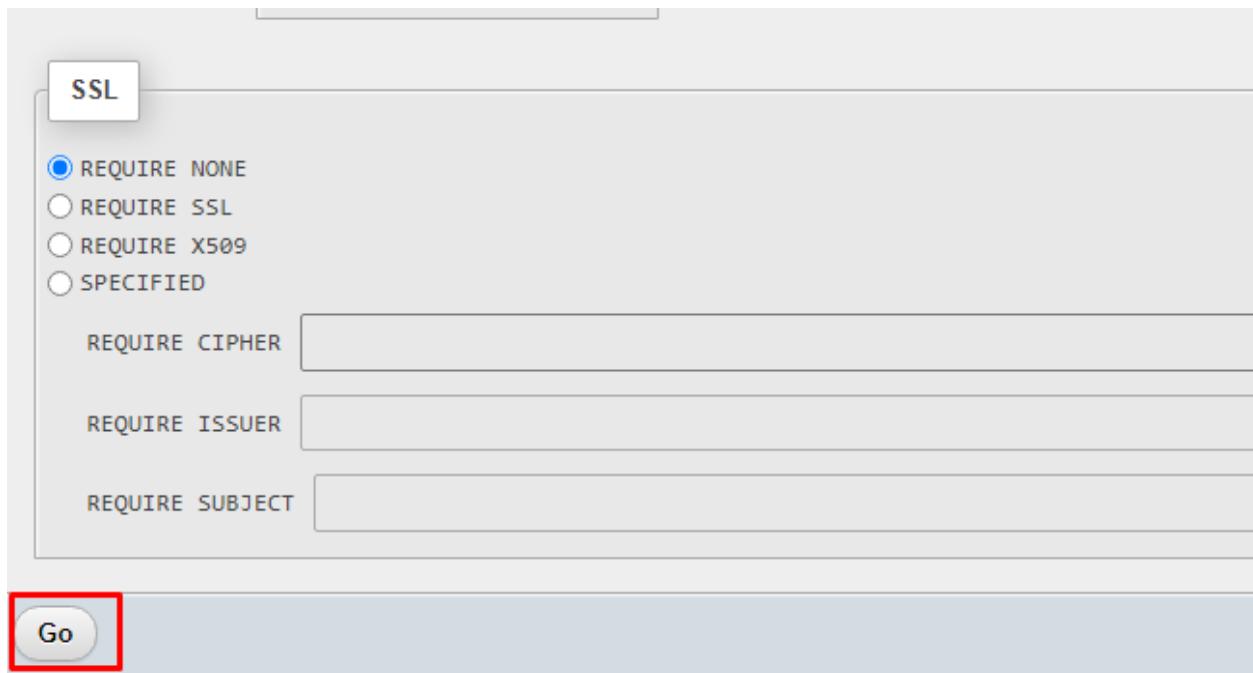
Generate password:

Database for user account

Create database with same name and grant all privileges.
 Grant all privileges on wildcard name (username_%).
 Grant all privileges on database crm.

Global privileges Check all

Now click on Go.



It will create a new user with admin permissions for your database.

5. Keep remembering your database **username**, **password**, **port**, and created **database name**. It'll be needed later in the backend part to set up the environmental variable in the **.env** file.

STEP 2

Backend - Laravel

IMPORTANT NOTE: We have provided full vendor or packages with our software but if you want a fresh installation then you can follow these steps (2 to 3) or you can skip those.

1. Open **Downloaded folder** from code canyon and **open source-code/backend**
2. Open **Command prompt or Windows powershell** in newly created backend folder
3. Type command: **composer install**

If composer install gives you any error for composer.lock then please type this command: **composer update** and then type **composer install**

*It will install all the required libraries and packages required for the backend. Keep patience, it'll take some time. If you see any warning or error running composer then you have to check if you installed composer correctly in your machine. Or you can take help from the internet. Without installing Composer you can't use the **composer** command. So be sure that composer has been installed correctly before you use your terminal.*

4. You will find a **.env file** in the root directory of the **source-code/backend folder** and set appropriate values for all the variables. To do this you have to edit the .env file and change all the variables accordingly. The **.env file** will look like this below:

```
DB_CONNECTION=mysql
DB_HOST=127.0.0.1
DB_PORT=3306
DB_DATABASE=your_databaseName
DB_USERNAME=your_databaseUser
DB_PASSWORD=your_databasePassword

JWT_SECRET=hahahhoho
BROADCAST_DRIVER=log
CACHE_DRIVER=file
FILESYSTEM_DISK=local
QUEUE_CONNECTION=sync
SESSION_DRIVER=file
SESSION_LIFETIME=120
```

5. **MEMCACHED_HOST=127.0.0.1**

DB_CONNECTION=your db engine

DB_HOST=database host

DB_PORT=database port

```
DB_DATABASE=database name  
DB_USERNAME=database username  
DB_PASSWORD=database password  
JWT_SECRET=yourSecret
```

For Example :

```
DB_CONNECTION=mysql  
DB_HOST=localhost  
DB_PORT=3306  
DB_DATABASE=saleday  
DB_USERNAME=admin  
DB_PASSWORD=1234  
JWT_SECRET=ironman
```

6. Type command: `php artisan key:generate`
7. Type command: `php artisan migrate:fresh`

It will create the required database table and data in the Mysql database that you have installed previously.

8. Type Command: `php artisan db:seed`

Your admin and login data will be generated in this step.

9. Type command: `php artisan serve`

It will start the backend server on <http://localhost:8000>

Frontend REACT Installation Guide

IMPORTANT NOTE: Follow the steps sequentially otherwise the application may not work properly.

Pre-requisites:

1. Download and Install the LTS version (Current LTS version is 18.15.0) of the **Node.js** runtime environment from the official website [here](#)

If you face any difficulties here is an excellent tutorial on installing Node.js:

<https://www.geeksforgeeks.org/installation-of-node-js-on-windows/>

2. Open your **command prompt or windows powershell** and install **yarn** package manager.
3. Type command: **npm install --global yarn**

It will install the yarn package manager globally on your machine if it has not been installed before.

*Without installing Node.js you can't use the **npm** command. So be sure that Node.js has been installed properly. To check whether Node.js has been installed correctly or not type the command **node --version** in your terminal. It will show the current Node.js version of your machine.*

4. Run the **Backend service** Server and check the server is running on which url and port, **Note the url to add it in react app.**

STEP 1

React.js

1. **Unzip** Downloaded file from code canyon and **open source-code/frontend** and Open Command prompt in newly created folder
2. Type command: **yarn**

It will install all the required libraries and packages required for the front end. Keep patience, it'll take some time.

After installing all the packages you may see some warnings. You just ignore that and proceed to the next step. These issues are well-known issues and not a problem because it is related to some package that was used during development time. These issues have nothing to do with our main application.

3. You will find a **.env** file in the root directory of the front and set the variable
4. **VITE_APP_API = your backend url**

Example : **VITE_APP_API=http://localhost:8000**

5. Add your frontend url with port at **package.json**.
 - a. Open **package.json** in an editor.
 - b. Find “homepage”:”<http://localhost:3000>”
 - c. Replace <http://localhost:3000> with your frontend url.
6. Type in your terminal command: **yarn start**

It will start the frontend server on <http://localhost:3000/>



Installation Guide: Backend

STEP 1

Setup Database

1. Go to your cpanel and find **MySQL Databases**;



2. **Create a database**

A screenshot of the "Create New Database" form. The title "Create New Database" is at the top. Below it, a "New Database:" label is followed by a text input field containing "potatosq_ saleday". At the bottom is a blue "Create Database" button.

3. Create a user for database

MySQL Users

Add New User

Username

Password

Password (Again)

Strength ⓘ

 Very Strong (97/100)

[Password Generator](#)

[Create User](#)

4. Add user to database;

Add User To Database

User

Database

[Add](#)

5. Give all permission;

User: **potatosq_saleday**

Database: **potatosq_saleday**

ALL PRIVILEGES

ALTER

ALTER ROUTINE

CREATE

CREATE ROUTINE

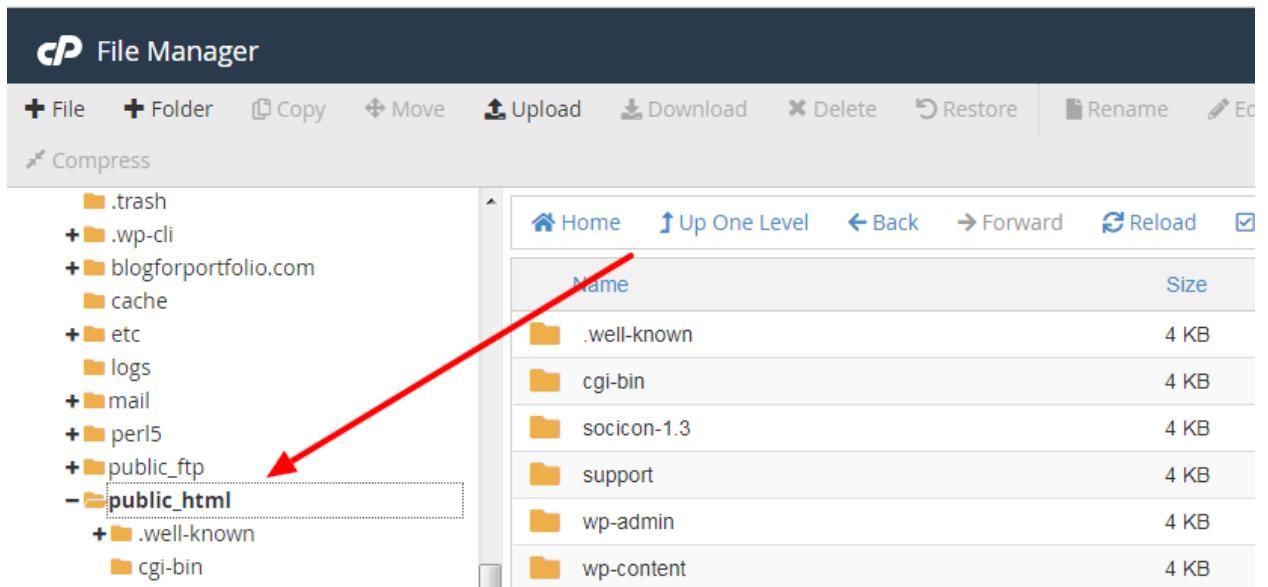
CREATE TEMPORARY TABLES

CREATE VIEW

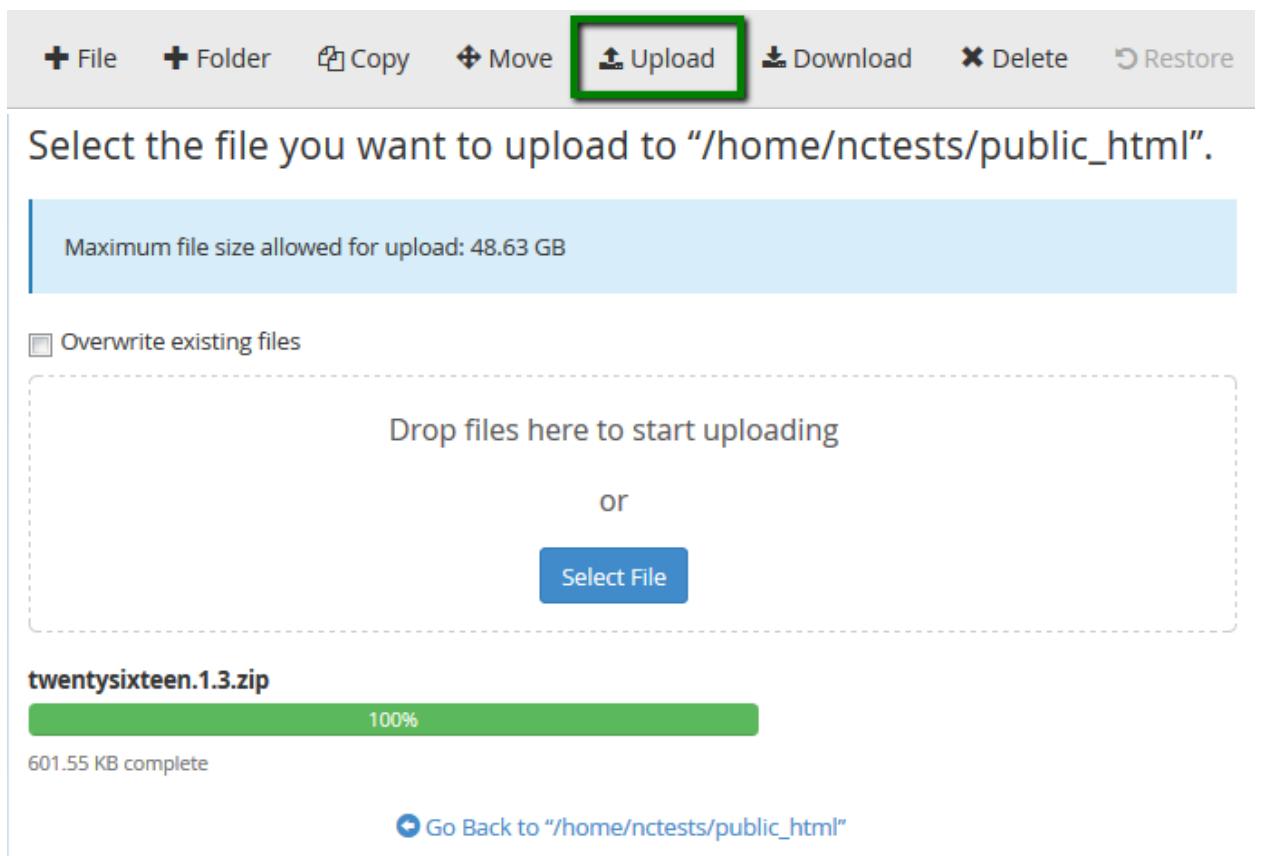
STEP 2

Upload backend zip file to cpanel

1. Go to your computer source code and zip compress the main-file.
2. Go to **File Manager** of your cpanel find your domain or subdomain folder

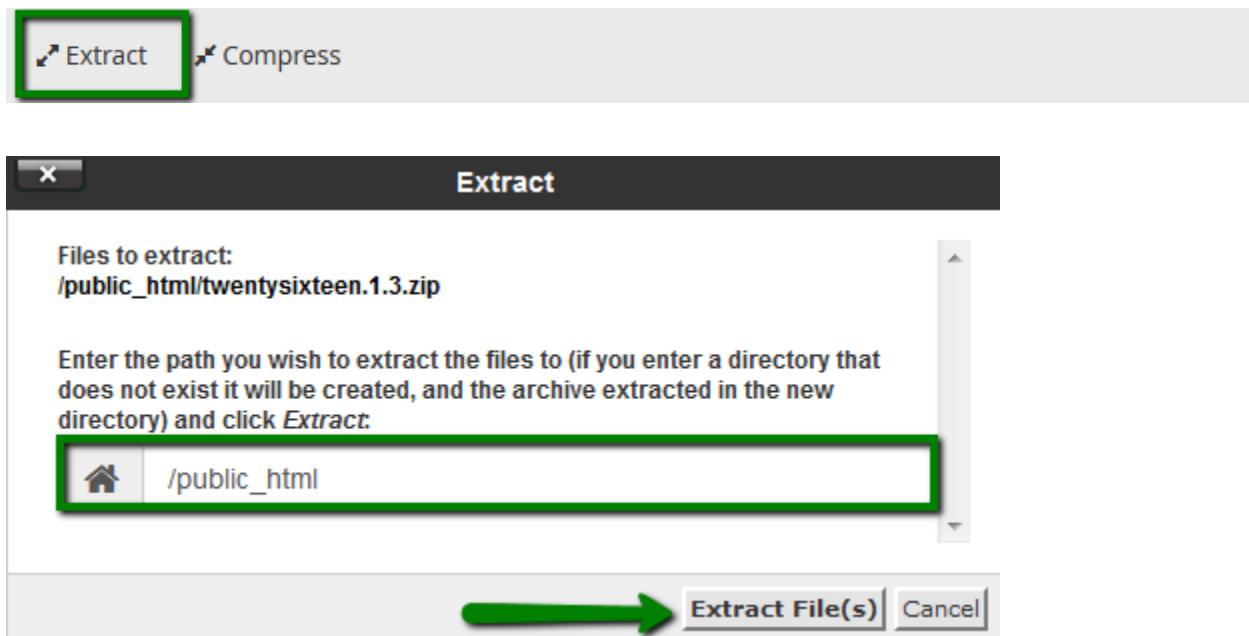


3. Upload the Zip File .



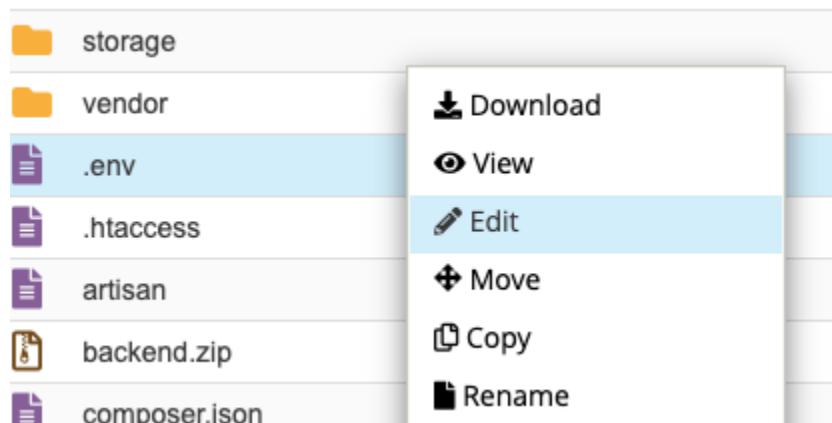
4. Now Extract the file:

- a. Select the file you wish to uncompress
- b. Hit Extract icon
- c. Or right-click on the file and use Extract option
- d. Define the path you wish to extract the file to
- e. Once done, hit Extract File(s)

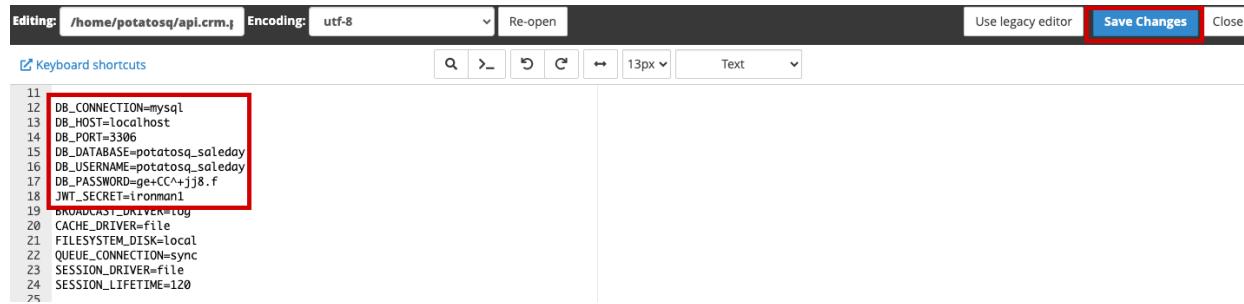


5. Now **Edit .env file** and Add your database informations

- a. Navigate to the folder where the file is located.
- b. Click on the name of the file.
- c. Click on the Edit icon. This will open the *Edit* window.



d. Click Edit. This will open a new window with the content of the file displayed. Add your database information as we did.



```

11
12 DB_CONNECTION=mysql
13 DB_HOST=localhost
14 DB_PORT=3306
15 DB_DATABASE=potatosq_saleday
16 DB_USERNAME=potatosq_saleday
17 DB_PASSWORD=g+CCC+jj8.f
18 JWT_SECRET=ironman1
19 BROADCAST_DRIVER=log
20 CACHE_DRIVER=file
21 FILESYSTEM_DISK=local
22 QUEUE_CONNECTION=sync
23 SESSION_DRIVER=file
24 SESSION_LIFETIME=120
25

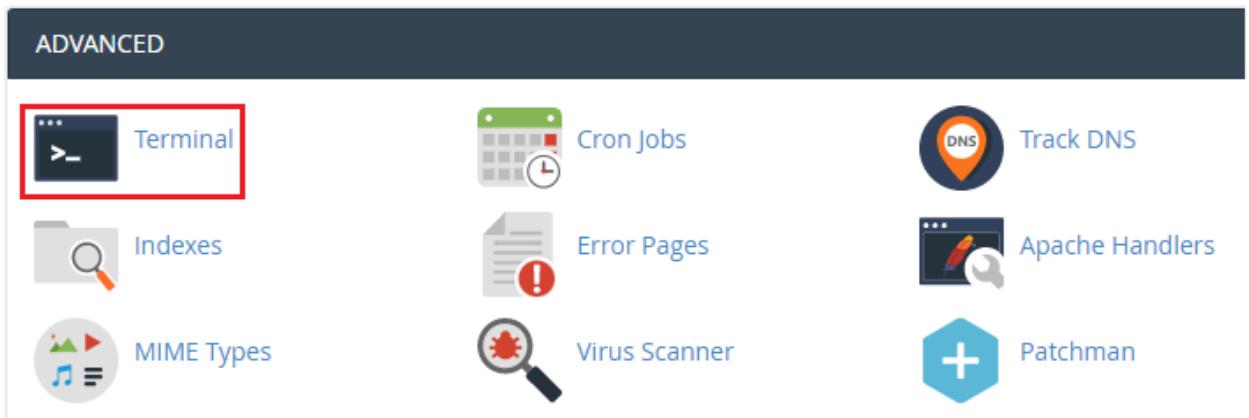
```

e. When ready, click Save Changes on the top toolbar.

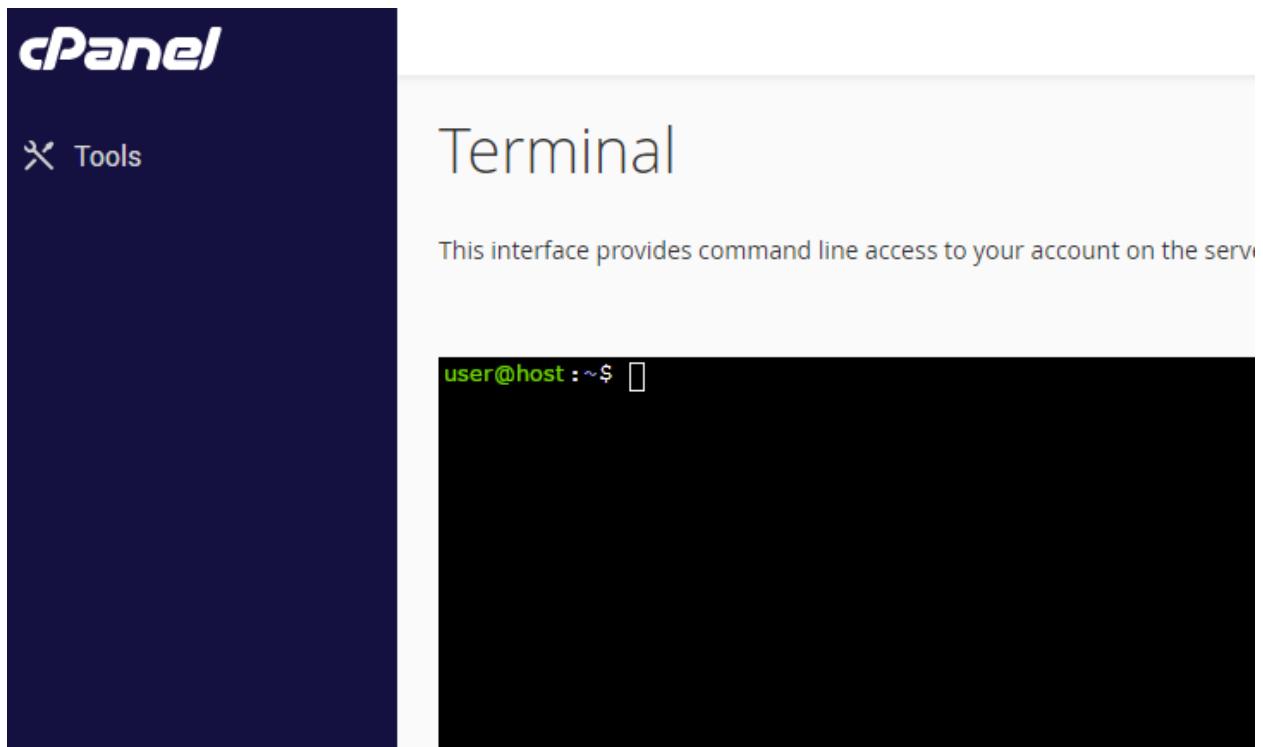
6. Again go to cpanel homepage and find terminal :

If you cannot find the terminal please contact your hosting provider to give you this advance access or you can use the database.sql file we have provided with source code.

How to IMPORT SQL? Watch this: [YouTube Tutorial](#)



7. It will open terminal for you.



8. Now navigate to your folder where you have uploaded your files with;

- Command **cd yourdomainname**
 - Ex : `cd hellodomain.com`
- Type command: **`php artisan key:generate`**
- Type command: **`php artisan migrate:fresh`**

It will create the required database table and data in the Mysql database that you have installed previously.

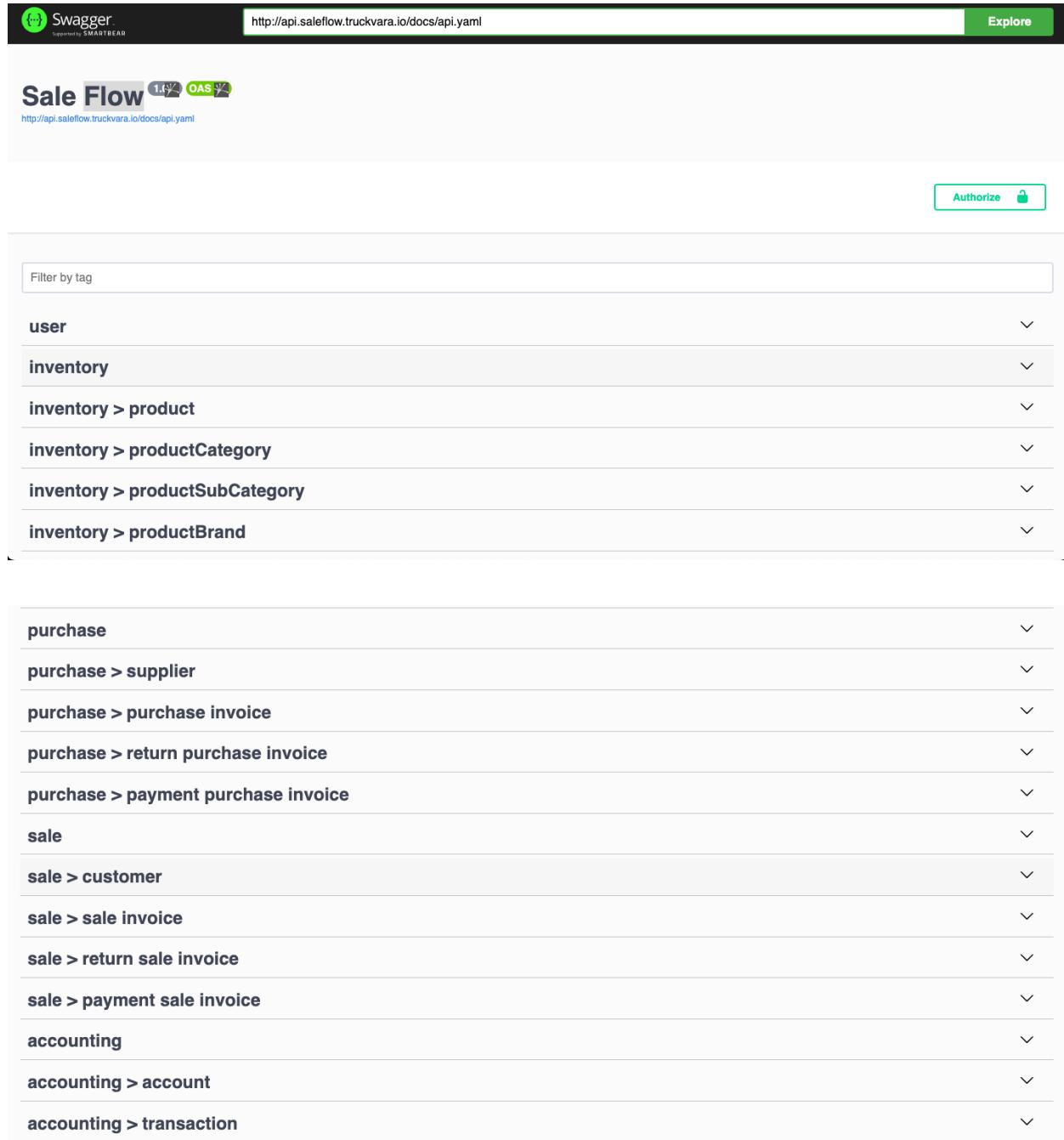
- Type Command: **`php artisan db:seed`**

Your admin and login data will be generated in this step.

9. Everything is ready now visit your backend url to see the swagger documentation.

Please email us if you need any help with using the application. We will assist you as soon as possible and in most cases within 1 day. Customer satisfaction is the most important thing that we care about.

Preview:



The screenshot shows the Swagger UI interface for the Sale Flow API. At the top, there is a header with the Swagger logo, the text "Supported by SMARTBEAR", the URL "http://api.saleflow.truckvara.io/docs/api.yaml", and a green "Explore" button. Below the header, the title "Sale Flow" is displayed, along with the OpenAPI Specification (OAS) 3.0.2 logo and the URL "http://api.saleflow.truckvara.io/docs/api.yaml". On the right side of the header, there is a "Authorize" button with a lock icon. The main content area is a tree view of API endpoints. The tree structure is as follows:

- user** (collapsible)
- inventory** (collapsible)
 - inventory > product** (collapsible)
 - inventory > productCategory** (collapsible)
 - inventory > productSubCategory** (collapsible)
 - inventory > productBrand** (collapsible)
- purchase** (collapsible)
 - purchase > supplier** (collapsible)
 - purchase > purchase invoice** (collapsible)
 - purchase > return purchase invoice** (collapsible)
 - purchase > payment purchase invoice** (collapsible)
- sale** (collapsible)
 - sale > customer** (collapsible)
 - sale > sale invoice** (collapsible)
 - sale > return sale invoice** (collapsible)
 - sale > payment sale invoice** (collapsible)
- accounting** (collapsible)
 - accounting > account** (collapsible)
 - accounting > transaction** (collapsible)

CPanel Installation Guide: Frontend

STEP 1. Build frontend file from local computer.

1. Go to your computer **source code/frontend** and open the terminal in that folder.
 - a. **Warning:** You have to install the `node_modules` and all those things from the upper installation guide.
 - b. Open `.env` file and replace the url with your **Backend** domain name

VITE_APP_API: yourBackendDomain

Example : **VITE_APP_API=**<http://api.erpos.omega.ac>

- c. Add your **Frontend** url with port at **vite.config.js**.
 - i. Open `vite.config.js` in an editor.
 - ii. Find “base”:”**yourFrontendDomain**”

Example : “base”:”<http://erpos.osapp.net>”

- iii. Save file.

2. Build file:

- a. Open your **source-code/frontend** folder and open **terminal or command prompt**
- b. Type **yarn build** to build the frontend file with upper information.
- c. It will take some time and it will build a file in the **dist folder**.

3. Zip and Upload the file.

- a. Zip the `dist` folder with any compressor.
- b. Go to **File Manager** of your cpanel find your domain or subdomain folder

File Manager

File Manager interface showing the file structure of the domain `blogforportfolio.com`. The left sidebar lists the root directory and its subfolders: `.trash`, `.wp-cli`, `blogforportfolio.com` (expanded to show `cache`, `etc`, `logs`, `mail`, `perl5`, `public_ftp`, and `public_html`), and `perl5`. A red arrow points to the `public_html` folder. The right panel shows a list of files and folders in the `public_html` directory:

Name	Size
.well-known	4 KB
cgi-bin	4 KB
socicon-1.3	4 KB
support	4 KB
wp-admin	4 KB
wp-content	4 KB

c. Upload the **Zip File**.

File Manager interface showing the upload process. The **Upload** button is highlighted with a green box.

Select the file you want to upload to “/home/nctests/public_html”.

Maximum file size allowed for upload: 48.63 GB

Overwrite existing files

Drop files here to start uploading

or

Select File

twentysixteen.1.3.zip

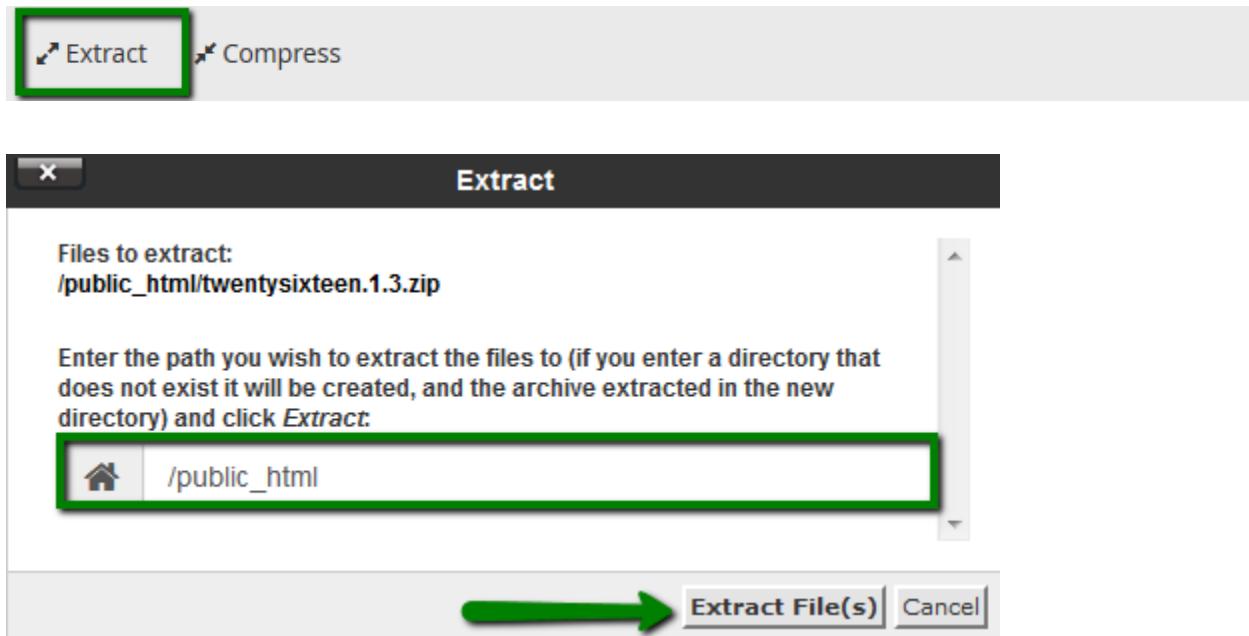
100%

601.55 KB complete

[Go Back to “/home/nctests/public_html”](#)

d. Now Extract the file:

- i. Select the file you wish to uncompress
- ii. Hit Extract icon
- iii. Or right-click on the file and use Extract option
- iv. Define the path you wish to extract the file to
- v. Once done, hit Extract File(s)



Now your frontend is also deployed in **cpanel**.

HOLA! You have installed the [OS PRO Software](#) on your computer/machine. Now have a cup of coffee and enjoy the creation of the [Omega Solution](#) team.

Thank you 😊

IMPORTANT NOTE:

- To run the application properly on your machine the minimum requirement is:
 - 64bit operating system
 - minimum 2 GB of RAM
 - Minimum 5 GB of free space on HDD/SSD
 - Minimum Processor Dual core or above or equivalence
- The Xampp server will be running in the background. Don't stop that.
- Do not close your frontend command prompt window.
- This software runs smoothly in any Windows, Linux-based OS and Mac OS which meets the minimum requirements stated above.

Please email us if you need any help with using the application. We will assist you as soon as possible and in most cases within 1 day. Customer satisfaction is the most important thing that we care about.

CONTACT INFORMATION:

Website: [Omega Solution](#)

Email: support@omega.ac

Customer Support: <https://support.omega.ac>