# Installation Manual

[Exact description explaining how to install the system, from as self-contained compressed file or CD, to the actual execution of the software. The manual should be written such that any competent administrator should be able to install your system using your code and this manual.]

The Apollo schedule generator is used online and is compatible with Google Chrome, Firefox, Safari, and Explorer browsers. There is no need to download and install any other software (apart from an internet browser) in order to run the system. However, the client may use the Apollo files to install the system on their local server.

1. Application Requisites

Download and install a PHP IDE. We recommend using PHPStorm by JetBrains.

<https://www.jetbrains.com/phpstorm/>

Download and install a PHP Environment. We recommend using XAMPP.

<https://www.apachefriends.org/download.html>

Download, install, and update Composer.

<https://getcomposer.org/>

Clone Apollo repository to grab Laravel framework and system files into htdocs.

xampp>htdocs

<https://github.com/ApolloSoen341/apollo-website>

NodeJS is needed in order to download other development tools.

<https://nodejs.org/en/download/>

2. Installing Development tools

Before running the following commands, from the terminal, navigate to the application’s directory.

Run composer install in order to install all the php dependencies for the application.

Run npm install -g bower this will install bower on the computer, which will be used to download all javascript dependencies.

Run bower install in order to download all the javascript dependencies.

Run npm update in order to download Gulp and laravel-elixir.

Run gulp in order to combine all the resource scripts and styles into one minified file.

3. Configuration Files

Rename the .env.example to .env. Inside this file, rewrite the database configs as the following:

DB\_HOST=localhost

DB\_DATABASE=apollo

DB\_USERNAME={USERNAME}

DB\_PASSWORD={PASSWORD}

where {USERNAME} & {PASSWORD} are the values in order to connect to the database.

Run the following command, to generate a key for the application:

php artisan key:generate

4. Database Creation

Create the database with mysql using the following command:

CREATE DATABASE apollo;

Running the following code, in the terminal or cmd (assuming php is installed), will create the database, with populated values:

php artisan migrate --seed

6. Start & Stop

Use the xampp control panel to install and run the Apache and MySQL.