



Guide to run Laravel project app-name

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PHP

1.0 INSTALL XAMPP & Composer

- 1.1 At first you need to install **XAMPP** web server solution stack that includes **PHP**, **MySQL**, and **Apache**. <https://www.apachefriends.org/download.html>. Run the installer and follow the on-screen instructions. During the installation process, you can choose which components to install. Make sure to select PHP and MySQL.
- 1.2 Take project file app-name.zip from Moodle. Extract all. Check the folder, if there is the same folder inside the unzipped folder then open it and make sure that all the necessary project files are inside. Then copy this folder (*only folder with necessary project files*) with the project and paste it into **htdocs**. Additionally, you can change access rights to the folder and its contents.
- 1.3 Once installed, launch the **XAMPP** Control Panel and start the **Apache** and **MySQL** services. Write **localhost** on search panel in your browser. Next click **phpMyAdmin** and create a new database 'app'.
- 1.4 Visit the Composer download page and download the **Composer-Setup.exe** file. <https://getcomposer.org/download/>. Run the **Composer-Setup.exe** file and follow the on-screen instructions. Be sure to pick **Install for all users (recommended)**. Make sure to select the correct PHP executable during the installation process (usually located in the XAMPP installation folder under xampp/php/php.exe).

2.0 VERIFY ALL INSTALATIONS & VERSIONS

- 2.1 To run my project you need to have a php ^8.1, for example I'm using 8.3.
- 2.2 Run with cmd **cd pathToProjectFolder** and then **composer self-update -2** and **composer update**. Then run **composer -v** and you can see something like this: **Composer** version **2.6.6** ...

3.0 MIGRATION & RUN SERVER

- 3.1 On this step it will be better to Open project with some IDE, for example PhpStorm from JetBrains. Students of pollub can use all JetBrains products thanks to Student subscription.
- 3.2 Find file **.env** and check the **DB_DATABASE** position. Change it to **DB_DATABASE=app**. Another positions: **DB_CONNECTION=mysql** | **DB_HOST=127.0.0.1** | **DB_PORT=3306** | **DB_DATABASE=app** | **DB_USERNAME=root** | **DB_PASSWORD=**
- 3.3 Then open cmd and run the command **php artisan migrate** (in project folder). Check your database in **phpMyAdmin** for new tables.
- 3.4 Run the command **php artisan serve** and write **localhost:8000** in your browser

4.0 FINISH

- 4.1 If you did all steps without any errors, then the project now is running and you can test all features. For any questions please write me a mail on s99268@pollub.edu.pl