

# Laravel Installation

<https://laravel.com/docs/5.4/installation>

This tutorial will guide you to setup the framework "laravel v5.4" in the DAW server. (Substitute 'a999999' with your student number)

## Step 1: Download the framework

Login to the DAW server (IP 10.10.23.183) on the DEEI network using PuTTY and change to the public\_html folder

```
a999999@daw:~$ cd public_html
a999999@daw:~/public_html/$
composer create-project --prefer-dist laravel/laravel=5.4.* project
```

This command will create a directory named `project` containing a fresh Laravel installation with all of Laravel's dependencies already installed

## Step 2: Give the permissions to the web server to write in selected directories

```
a999999@daw:~/public_html/$ chmod -R g+w project/storage
a999999@daw:~/public_html/$ chmod -R g+w project/bootstrap/cache
a999999@daw:~/public_html/$ mv project/server.php project/index.php
```

## Step 3: Open your browser

Now open your browser and type the following address text box.

<http://all.deei.fct.ualg.pt/~a999999/project>

The image shows the Laravel logo, which is the word "Laravel" in a large, thin, sans-serif font.

DOCUMENTATION

LARACASTS

NEWS

FORGE

GITHUB

If you see the web page above you have successfully installed Laravel!

## Step 4: Setup the database

The database configuration for your application is located at the hidden file `.env`.

```
a999999@daw:~/public_html/project$ nano .env
```

```
DB_CONNECTION=mysql
DB_HOST=127.0.0.1
DB_PORT=3306
DB_DATABASE=db_a999999
DB_USERNAME=a999999
DB_PASSWORD=password

MAIL_DRIVER=sendmail
MAIL_HOST=127.0.0.1
MAIL_PORT=25
MAIL_USERNAME=null
MAIL_PASSWORD=null
MAIL_ENCRYPTION=null
```

### Step 5: (Optional) URL rewriting

To avoid typing "index.php" in the URL, change the Rewrite base in file .htaccess

```
a999999@daw:~/public_html/project$ nano .htaccess
```

```
<IfModule mod_rewrite.c>
  <IfModule mod_negotiation.c>
    Options -MultiViews
  </IfModule>

  RewriteEngine On

  # Use: RewriteBase /<subdirectory> if installed in subdirectory
  RewriteBase /~a999999/project

  # Handle Front Controller...
  RewriteCond %{REQUEST_FILENAME} !-d
  RewriteCond %{REQUEST_FILENAME} !-f
  RewriteRule ^ index.php [L]

</IfModule>
```