User Instructions

Minimum Requirements

- These requirements can be met when downloading a PHP development like **XAMPP** or **MAMP**, etc…
  - PHP >= 5.6.4
  - OpenSSL PHP Extension
  - PDO PHP Extension
  - Mbstring PHP Extension
  - Tokenizer PHP Extension
  - XML PHP Extension
- You'll also need to download a dependency manage for PHP called composer
  - https://getcomposer.org/

Laravel Setup Instructions

You'll first need to ensure you have an **Apache** from using a PHP development environment like **XAMPP** for windows which can be found at: https://www.apachefriends.org/index.html
Or **MAMP** for mac which can be found at: https://www.mamp.info/en/

The Laravel documentation is a great method in following how to set up Laravel onto your machine. This can be found at: https://laravel.com/docs/5.3/installation

If using windows, a video by DevLob is also useful to follow for setting up Laravel. https://www.youtube.com/watch?v=QJhdXTzFhbE&t=1s

DevLob also provides a video for Mac users, https://www.youtube.com/watch?v=ge68fIFO1n0&t=2s

Setting up Laravel Project

Once Laravel is setup, you'll first need to setup the database required for the project. This can be done by the following steps:

1. Export the gardeners_diary.sql (**figure 1**) onto your local database as a new table
2. Open the **Gardeners_Diary_Laravel_Project** directory and open the **.env** file with a text editor of your choice
3. Change the value of **DB_DATABASE** to the newly created table you made from step 1 (**figure 2**)
4. Change the value of **DB_USERNAME** to your username for your local SQL database (**figure 2**)
5. Change the value of **DB_PASSWORD** to your password for your local SQL database (**figure 2**)

Export the file
gardeners_diary.sql

Figure 1 – gardener's diary sql table


```
7     DB_CONNECTION=mysql
8     DB_HOST=127.0.0.1
9     DB_PORT=3306
10    DB_DATABASE="ENTER DATABASE NAME HERE"
11    DB_USERNAME="ENTER DATABASE USERNAME HERE"
12    DB_PASSWORD="ENTER DATABASE PASSWORD HERE"
13
```

Figure 2 - .env file modifications

The database should now be setup with a couple of existing data that was used, next is starting the Laravel project. This can be done by the following steps:

1. Ensure **Apache** is running. Use **XAMPP, MAMP, etc..**
2. Open the **Gardeners_Diary_Laravel_Project** directory
3. Once inside the directory, run a CMD in the directory. An example of this with windows is shown in **figure 3** which is done by **SHIFT+RMB**.
4. Once the command line is opened, type in **php artisan serve** as shown in **figure 4**. This will start up the Laravel project.
5. Once the Laravel project is loaded as shown in **figure 4,** go to your web browser and go to **localhost:8000**
6. You should now be taken to the login page where you can start using the application.
7. You can either create your own account or use an existing account with activities and plants already made. Existing account email address is "**testemail@email.com"** and the pass is "**testpass"**.
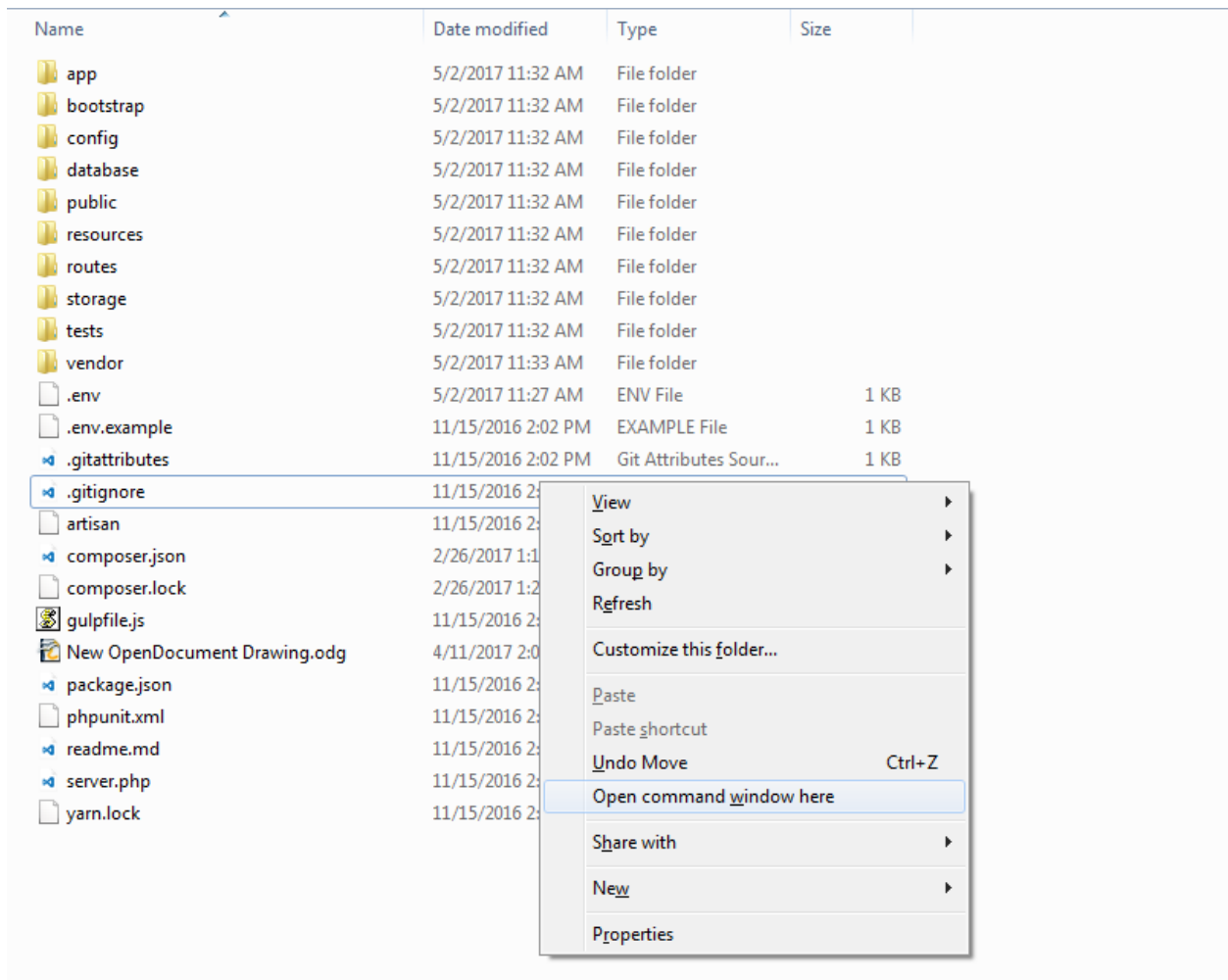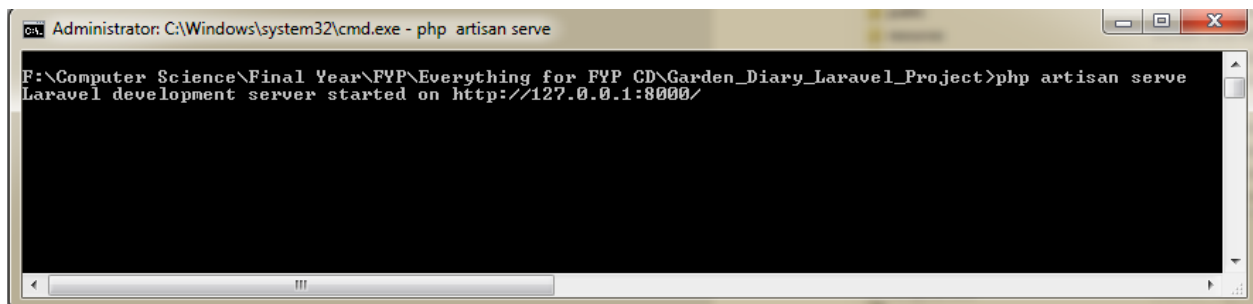
Figure 3 – Starting CMD from **Gardeners_Diary_Laravel_Project** directory

Figure 4 – CMD for starting the Laravel project