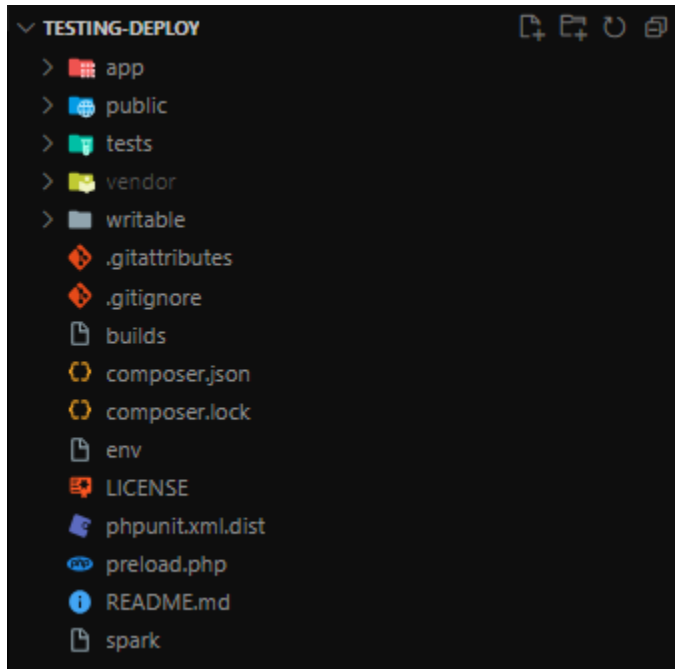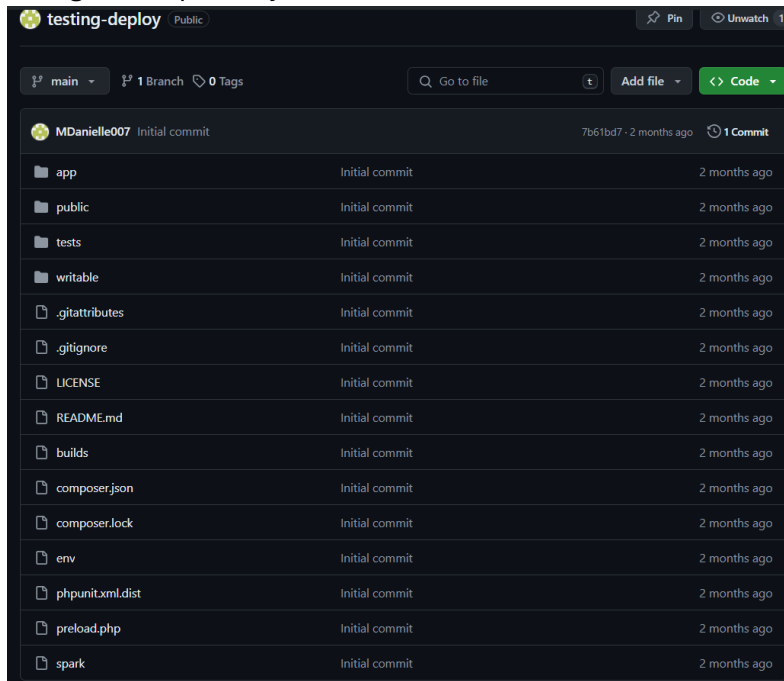# How to Deploy in Hostinger

- ➢ Before you start, make sure your project structure looks like this:

- ➢ Your github repository should look like this:

- ➢ I recommend you paste this in your .gitignore file

```
#--------------------------
# Operating Specific Junk Files
#--------------------------


# OS X
.DS_Store
.AppleDouble
```

```
.LSOverride

# OS X Thumbnails
._*

# Windows image file caches
Thumbs.db
ehthumbs.db
Desktop.ini

# Recycle Bin used on file shares
$RECYCLE.BIN/

# Windows Installer files
*.cab
*.msi
*.msm
*.msp

# Windows shortcuts
*.lnk

# Linux
*~

# KDE directory preferences
.directory

# Linux trash folder which might appear on any partition or disk
.Trash-*

#-------------------------
# Environment Files
#-------------------------
# These should never be under version control,
# as it poses a security risk.
.env
.vagrant
Vagrantfile

#-------------------------
# Temporary Files
#-------------------------
writable/cache/*
!writable/cache/index.html

writable/logs/*
!writable/logs/index.html

writable/session/*
```

```
!writable/session/index.html

writable/uploads/*
!writable/uploads/index.html

writable/debugbar/*
!writable/debugbar/.gitkeep

php_errors.log

#-------------------------
# User Guide Temp Files
#-------------------------
user_guide_src/build/*
user_guide_src/cilexer/build/*
user_guide_src/cilexer/dist/*
user_guide_src/cilexer/pycilexer.egg-info/*

#-------------------------
# Test Files
#-------------------------
tests/coverage*

# Don't save phpunit under version control.
phpunit

#-------------------------
# Composer
#-------------------------
vendor/

#-------------------------
# IDE / Development Files
#-------------------------

# Modules Testing
_modules/*

# phpenv local config
.php-version

# Jetbrains editors (PHPStorm, etc)
.idea/
*.iml

# Netbeans
nbproject/
build/
nbbuild/
dist/
```

```
nbdist/
nbactions.xml
nb-configuration.xml
.nb-gradle/

# Sublime Text
*.tmlanguage.cache
*.tmPreferences.cache
*.stTheme.cache
*.sublime-workspace
*.sublime-project
.phpintel
/api/

# Visual Studio Code
.vscode/

/results/
/phpunit*.xml
/.phpunit.*.cache
```

➢ Go to the Hostinger and Login

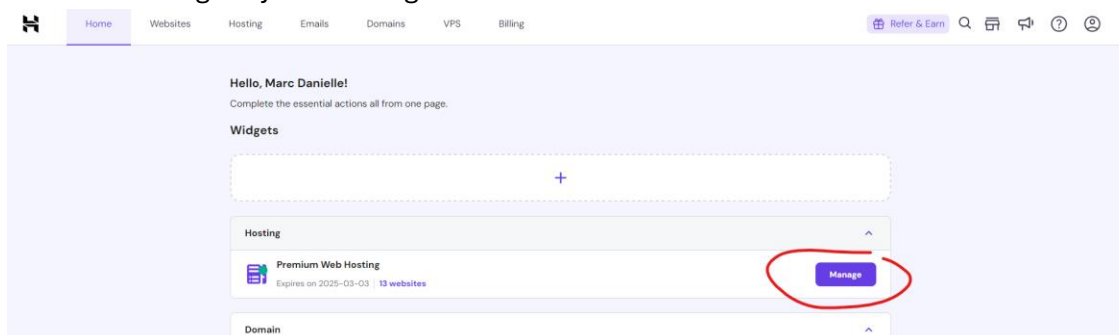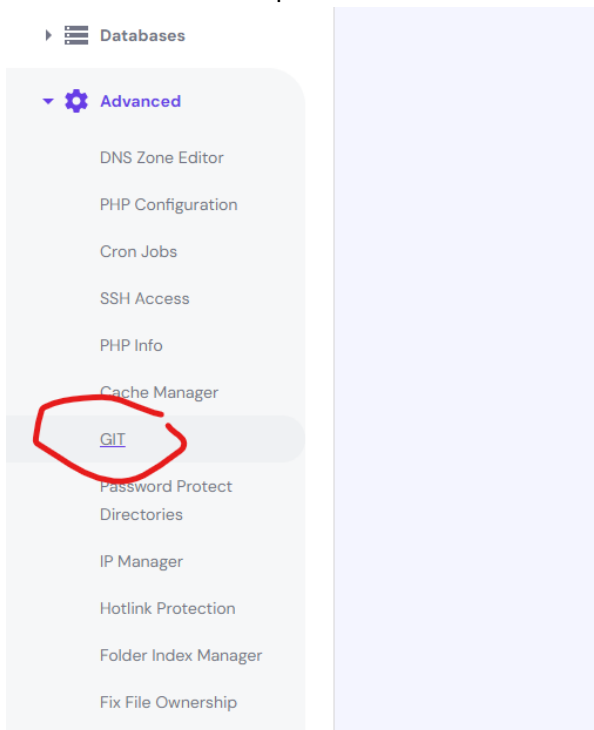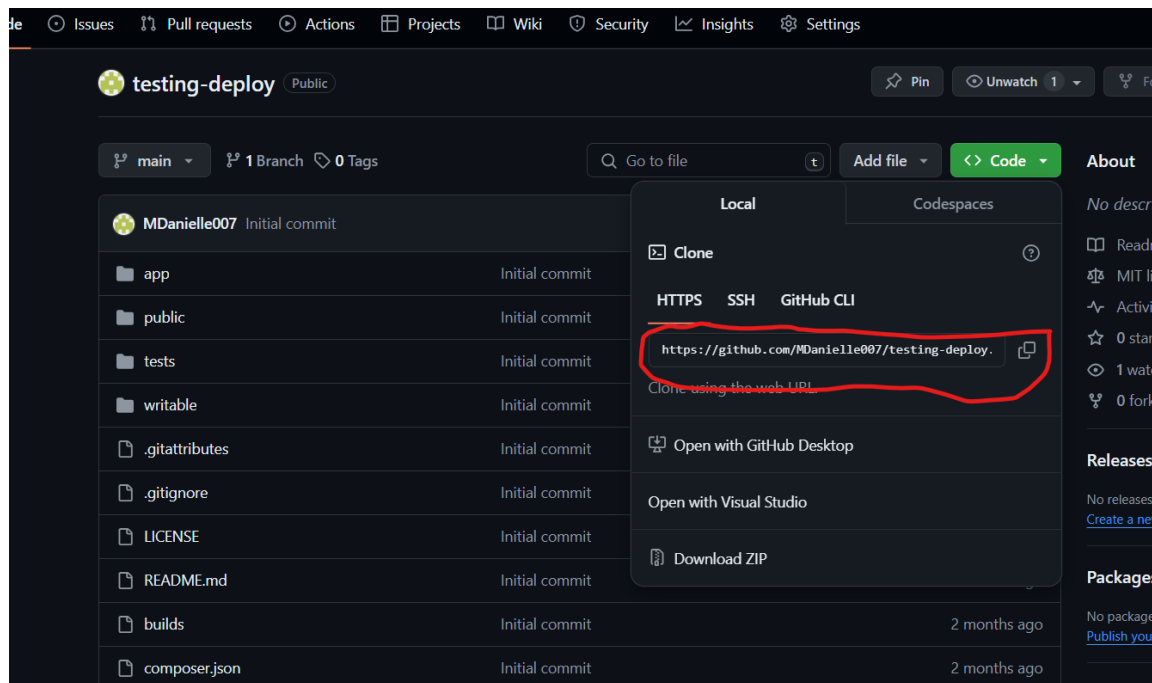➢ Click the Manage in your Hosting Plan

➢ If you're using a shared account, then click that manage in the account.
➢ Click the Domain Dropdown to select which domain you're going to use
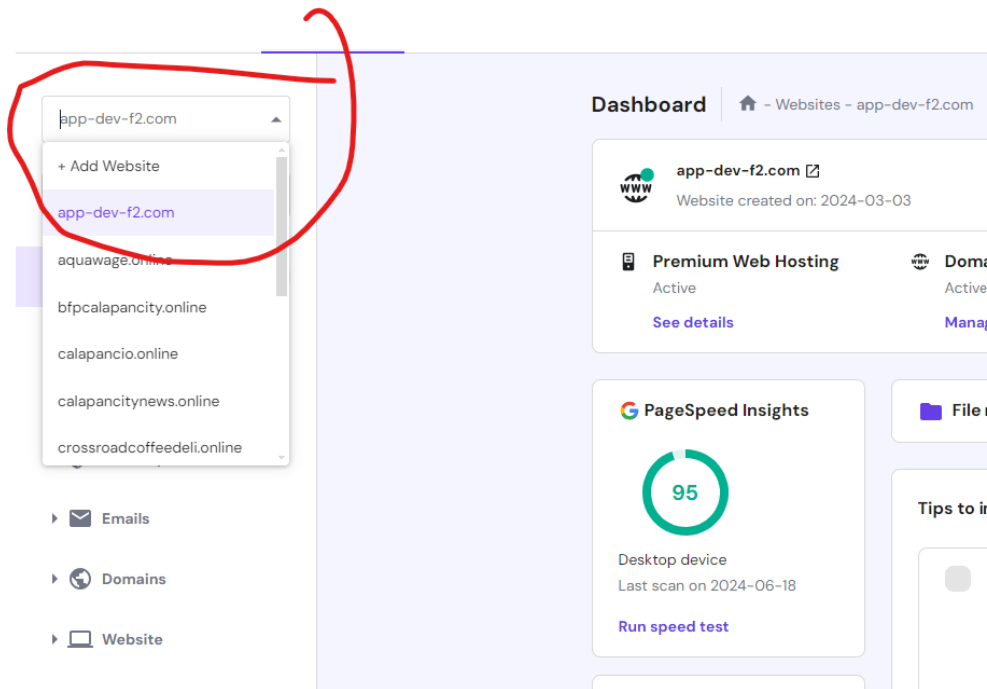
➢ Go to the Advanced option then Click GIT.

➢ Go to your github repository and copy the link of your repository.

➤ Paste in the repository text field and do specify which branch your backend is located.

➤ In the Directory text field, follow this kind of naming your directories/folder.
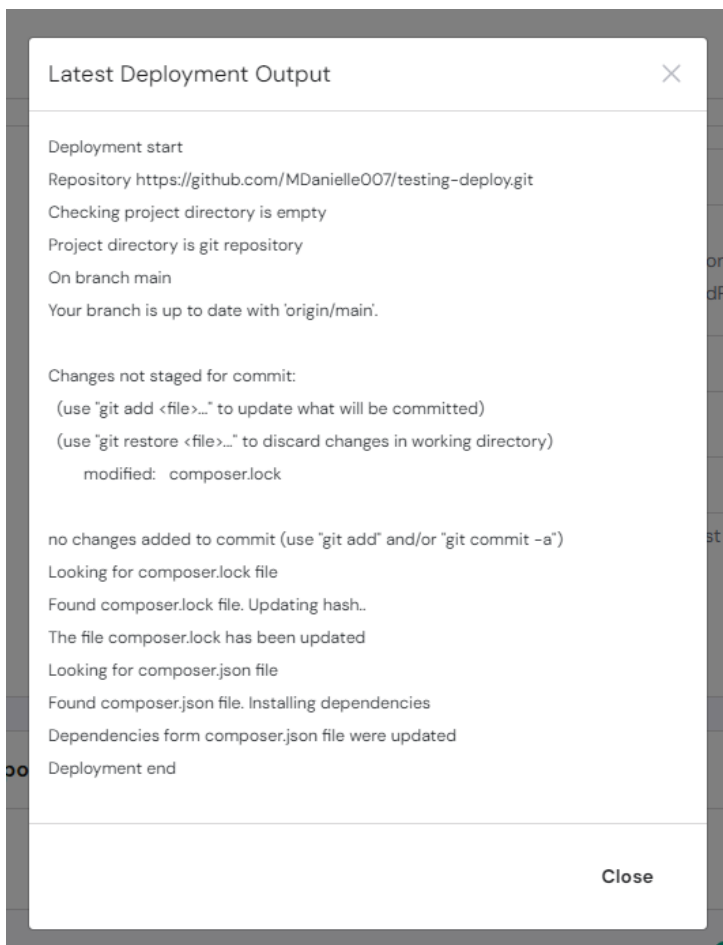
➢ Wait a few seconds, then click deploy.
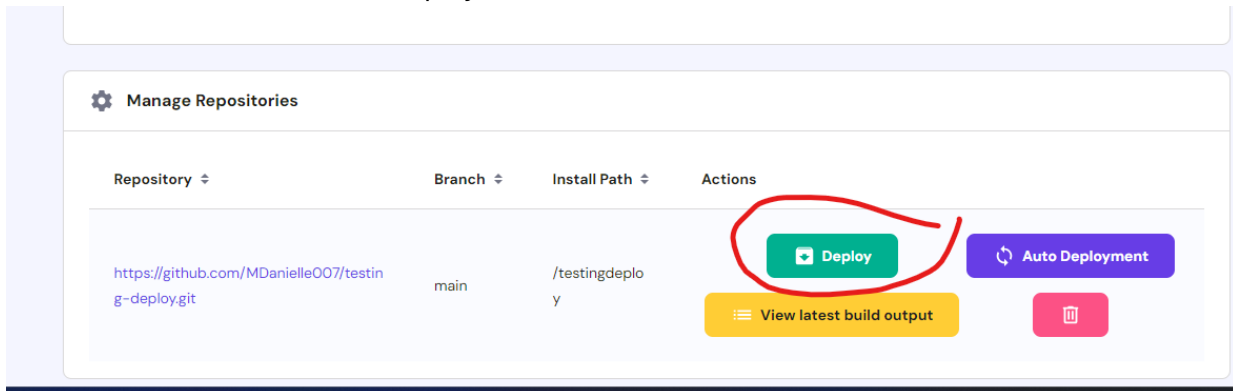
➢ Just to be sure, click the view latest build output

➢ It should look like this:

Latest Deployment Output

Deployment start
Repository https://github.com/MDanielle007/testing-deploy.git
Checking project directory is empty
Project directory is git repository
On branch main
Your branch is up to date with 'origin/main'.

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified: composer.lock

no changes added to commit (use "git add" and/or "git commit -a")
Looking for composer.lock file
Found composer.lock file. Updating hash..
The file composer.lock has been updated
Looking for composer.json file
Found composer.json file. Installing dependencies
Dependencies form composer.json file were updated
Deployment end
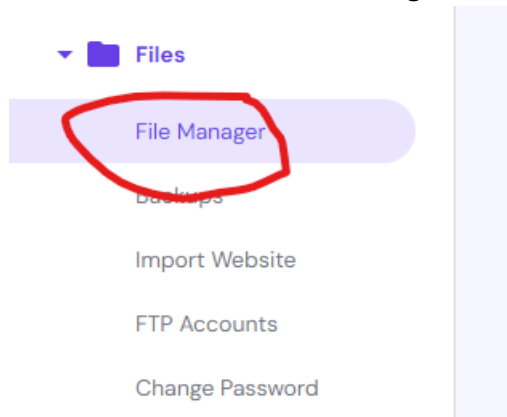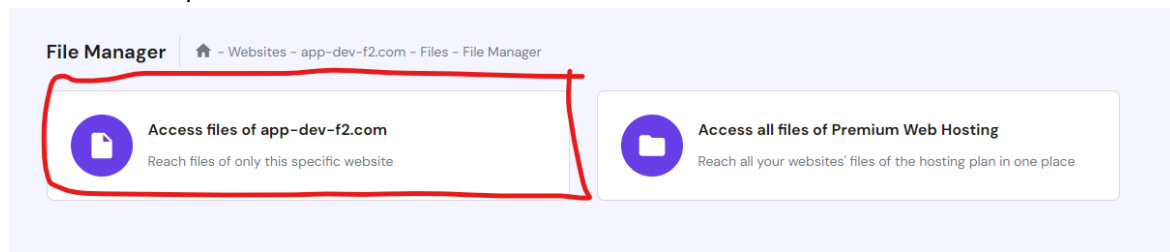
Close

➢ If there's a problem here, the problem must be in your github repository or the project structure
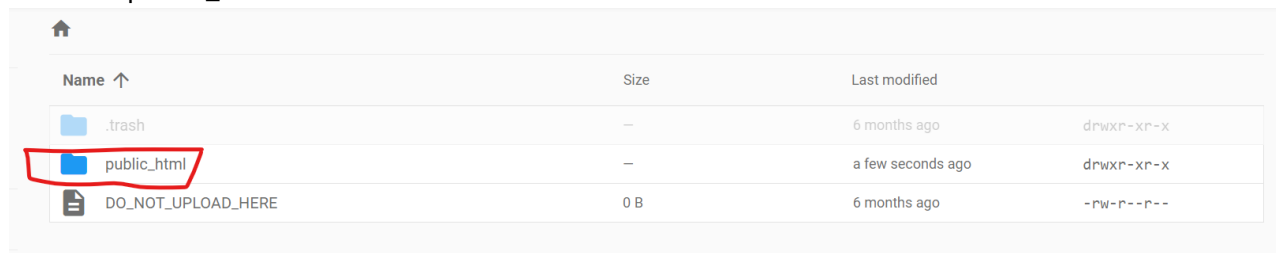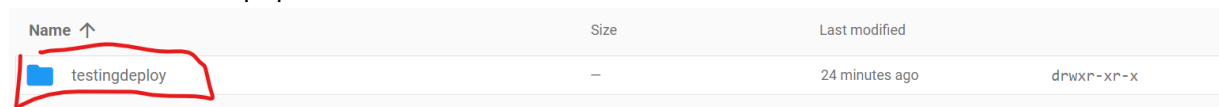
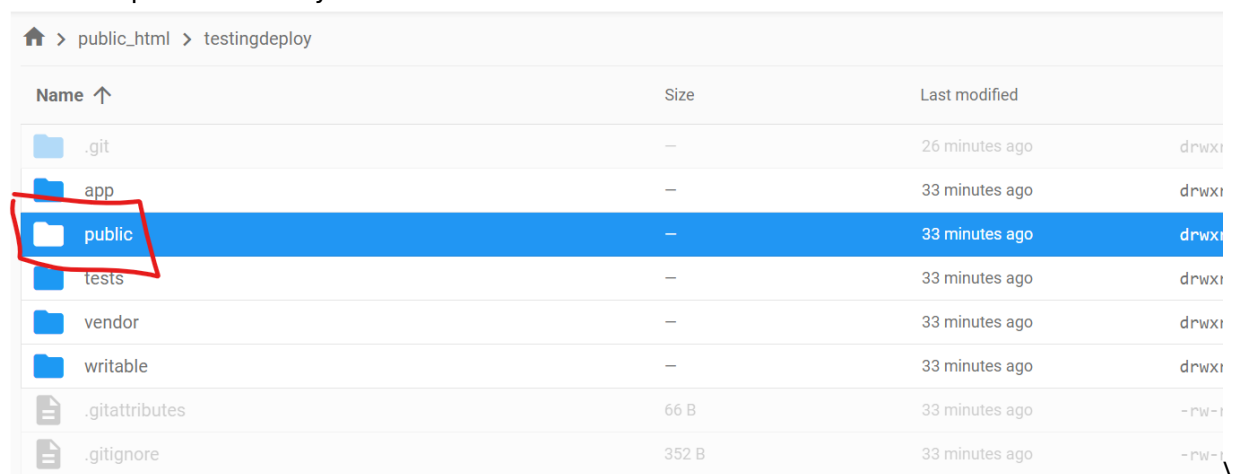➢ Go to Files, then click File Manager

➢ click the left option.

➢ Click the public_html.

➢ Delete the default.php and Click the folder inside it


➢ Go to the public directory.

➤ Copy all of its contents by highlighting them and pressing CTRL + C.

🏠 > public_html > testingdeploy > public

Name ↑	Size	Last modified	
📄 .htaccess	1.62 KiB	34 minutes ago	-rw-r--r--
🔥 favicon.ico	5.3 KiB	34 minutes ago	-rw-r--r--
<> index.php	1.67 KiB	34 minutes ago	-rw-r--r--
📄 robots.txt	25 B	34 minutes ago	-rw-r--r--

➤ Go back to contents of public_html and paste the contents of your public directory.

🏠 > public_html

Name ↑	Size	Last modified	
📁 testingdeploy	—	29 minutes ago	drwxr-xr-x
📄 .htaccess	1.62 KiB	a few seconds ago	-rw-r--r--
🔥 favicon.ico	5.3 KiB	a few seconds ago	-rw-r--r--
<> index.php	1.67 KiB	a few seconds ago	-rw-r--r--
📄 robots.txt	25 B	a few seconds ago	-rw-r--r--

➤ Open the index.php

🏠 > public_html

| Name ↓ |
|---|
| 📁 testingdeploy |
| 📄 robots.txt |
| <> index.php |
| 🔥 favicon.ico |
| 📄 .htaccess |

➤ Find the lines of code for that Paths, it may differ depending on the version of your codeigniter project

```
37  /*
38   *--------------------------------------------------------------
39   * BOOTSTRAP THE APPLICATION
40   *--------------------------------------------------------------
41   * This process sets up the path constants, loads and registers
42   * our autoloader, along with Composer's, loads our constants
43   * and fires up an environment-specific bootstrapping.
44   */
45
46  // LOAD OUR PATHS CONFIG FILE
47  // This is the line that might need to be changed, depending on your folder structure.
48  require FCPATH . '../app/Config/Paths.php';
49  // ^^^ Change this line if you move your application folder
50
51  $paths = new Config\Paths();
```

- ➢ Copy what's in the Install Path
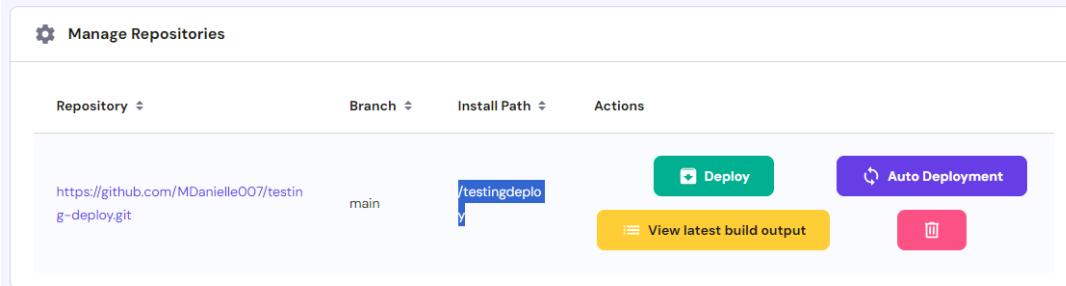
- ➢ And replace the two periods with it

```
// LOAD OUR PATHS CONFIG FILE
// This is the line that might need to be changed, depending on
require FCPATH . '../app/Config/Paths.php';
// ^^^ Change this line if you move your application folder
```

```
// LOAD OUR PATHS CONFIG FILE
// This is the line that might need to be changed, depending on your folder struct
require FCPATH . '/testingdeploy/app/Config/Paths.php';
// ^^^ Change this line if you move your application folder

$paths = new Config\Paths();
```

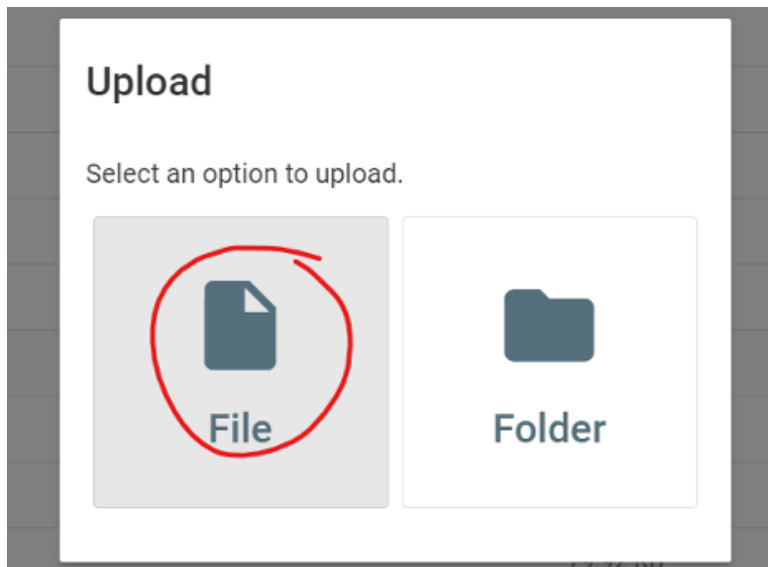- ➢ Click CTRL + S to save or just click the save button at the upper right of the screen.
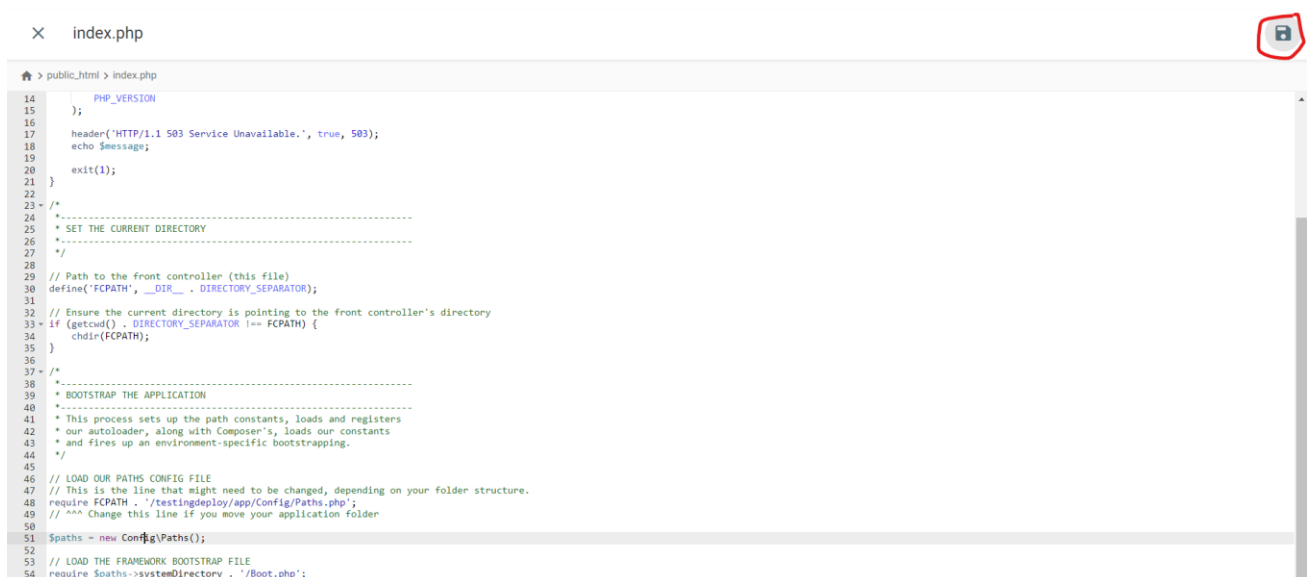
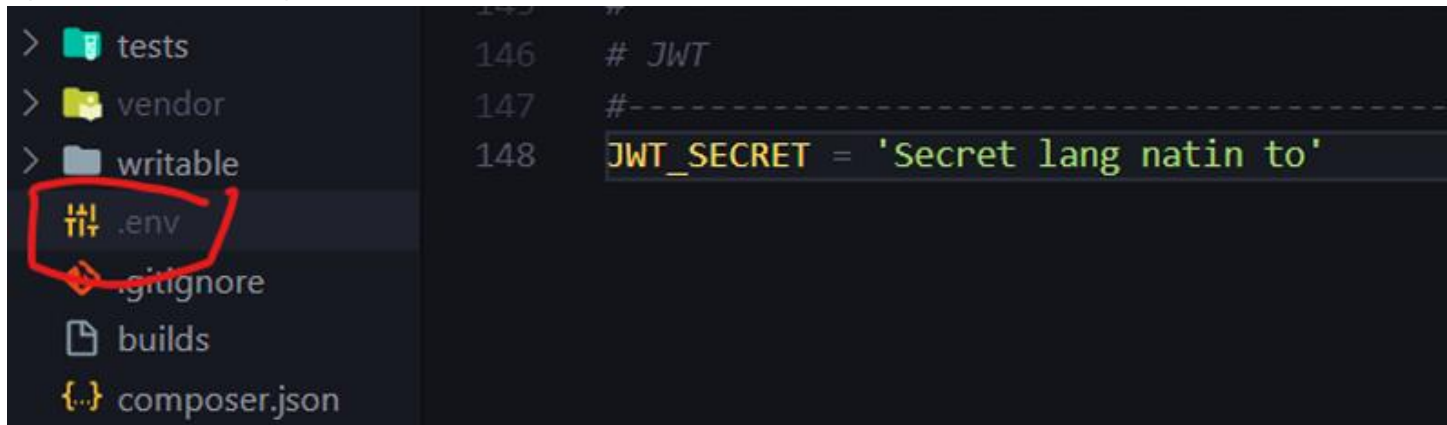➢ You should be able to access your codeigniter project by accessing your-domain
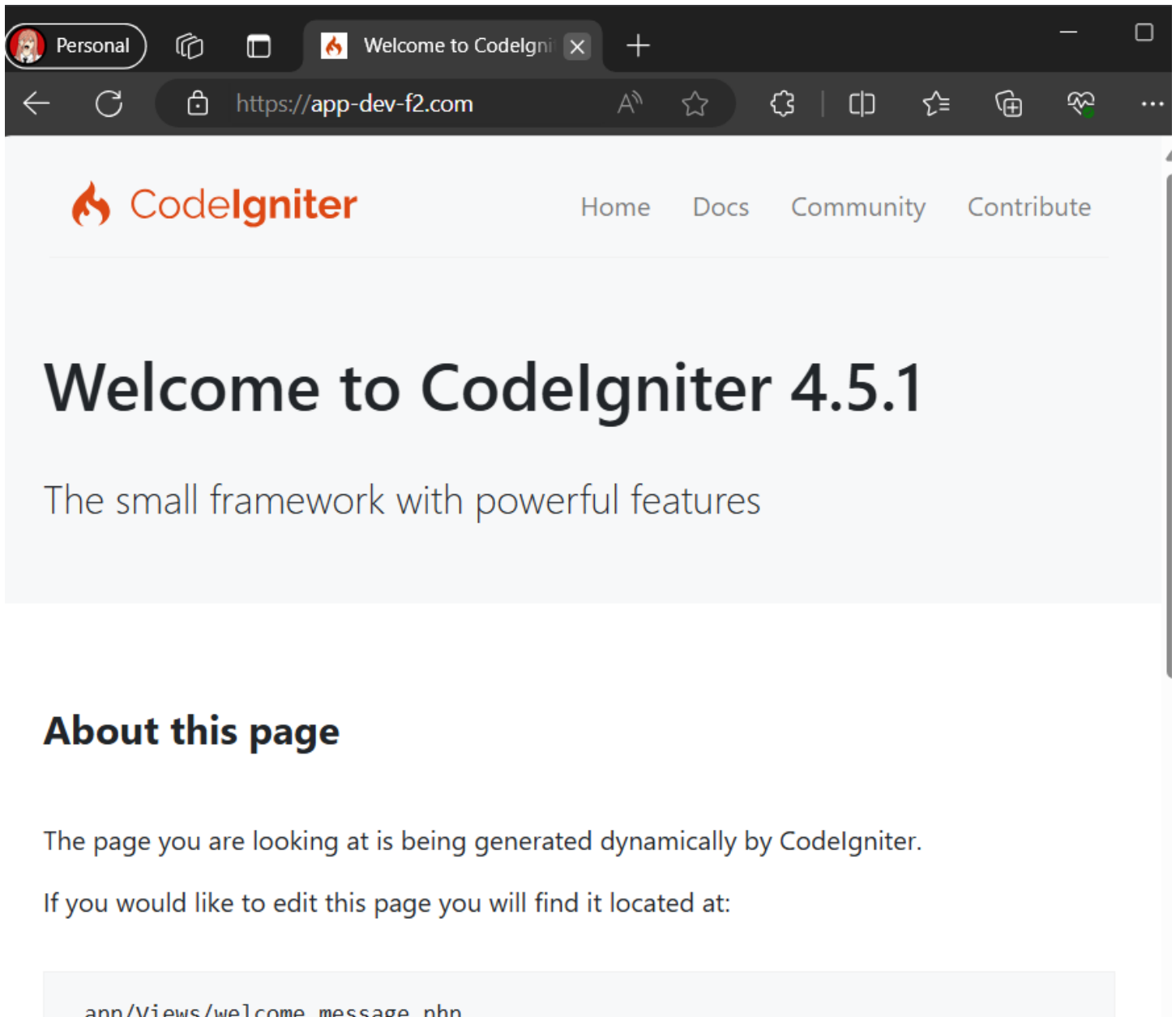
- ➢ If you use jwt the same way as I do, go back in the file manager directory of your backend in hostinger, then click upload button the upper right options.
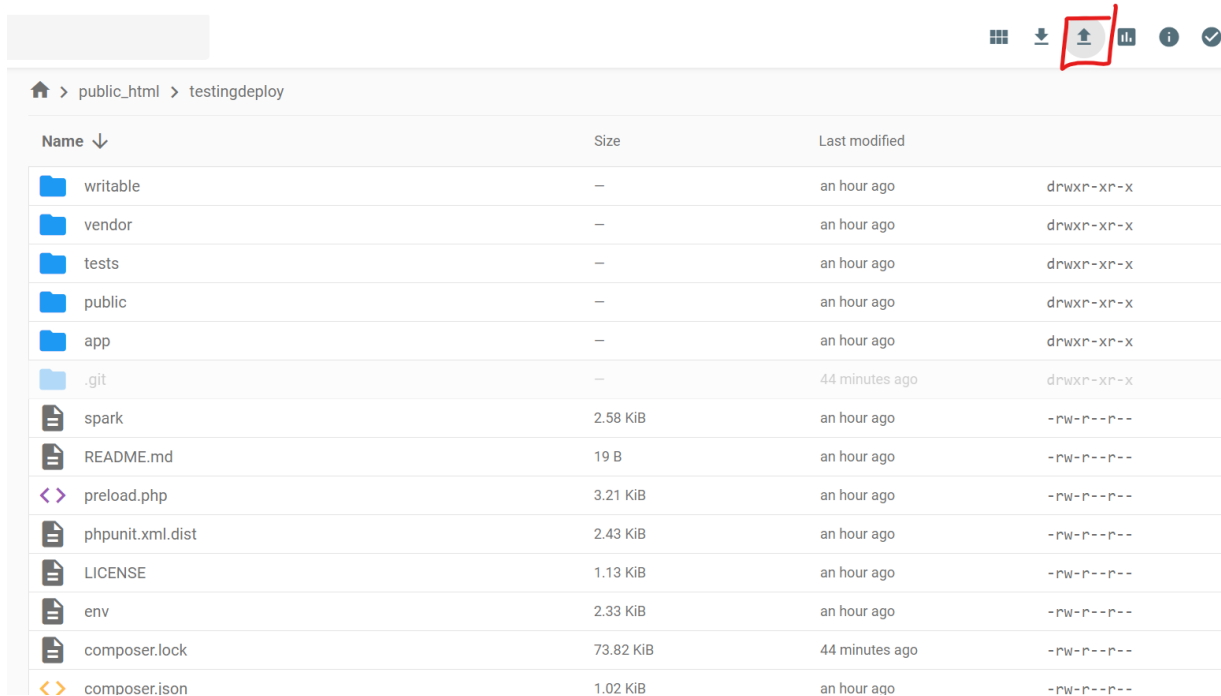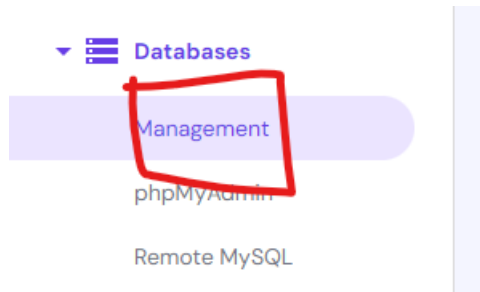

- ➢ Click the File

- ➢ Upload the .env file in your backend code.

➢ Go to the Database, then click the Management option.

➢ Create your database by filling out this text fields, then click create.

➢ Go to your database in the phpMyAdmin of laragon/wamp/xampp, then export your database

➢ Now, edit file your exported in vs code and look for the line the says – Database

➢ Copy the name of your newly created database in hostinger and paste it there.

➢ **You might encounter an error in the collations, so change all collations in your tables to "utf8mb4_swedish_ci".**

➢ **Save the file**

➢ Click the Enter phpMyAdmin.
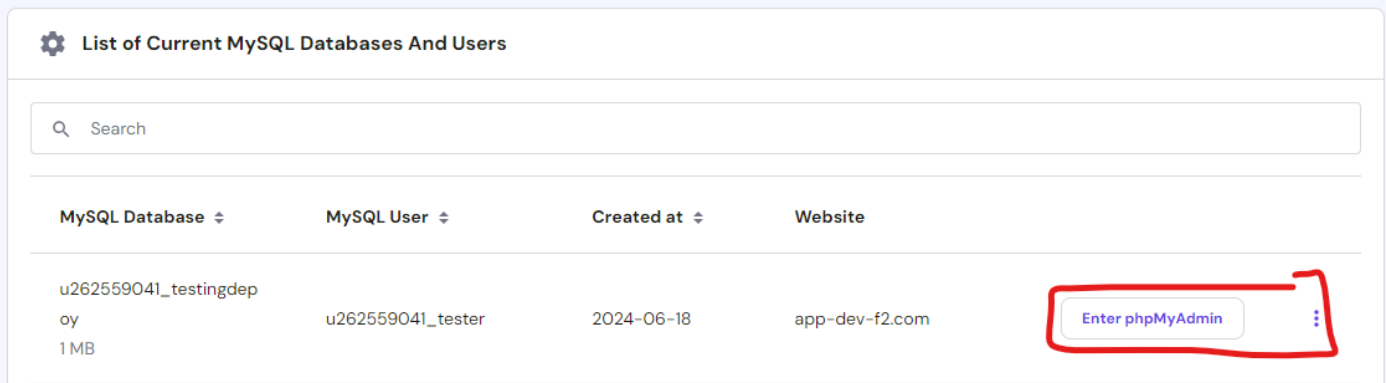
➢ Import your database.
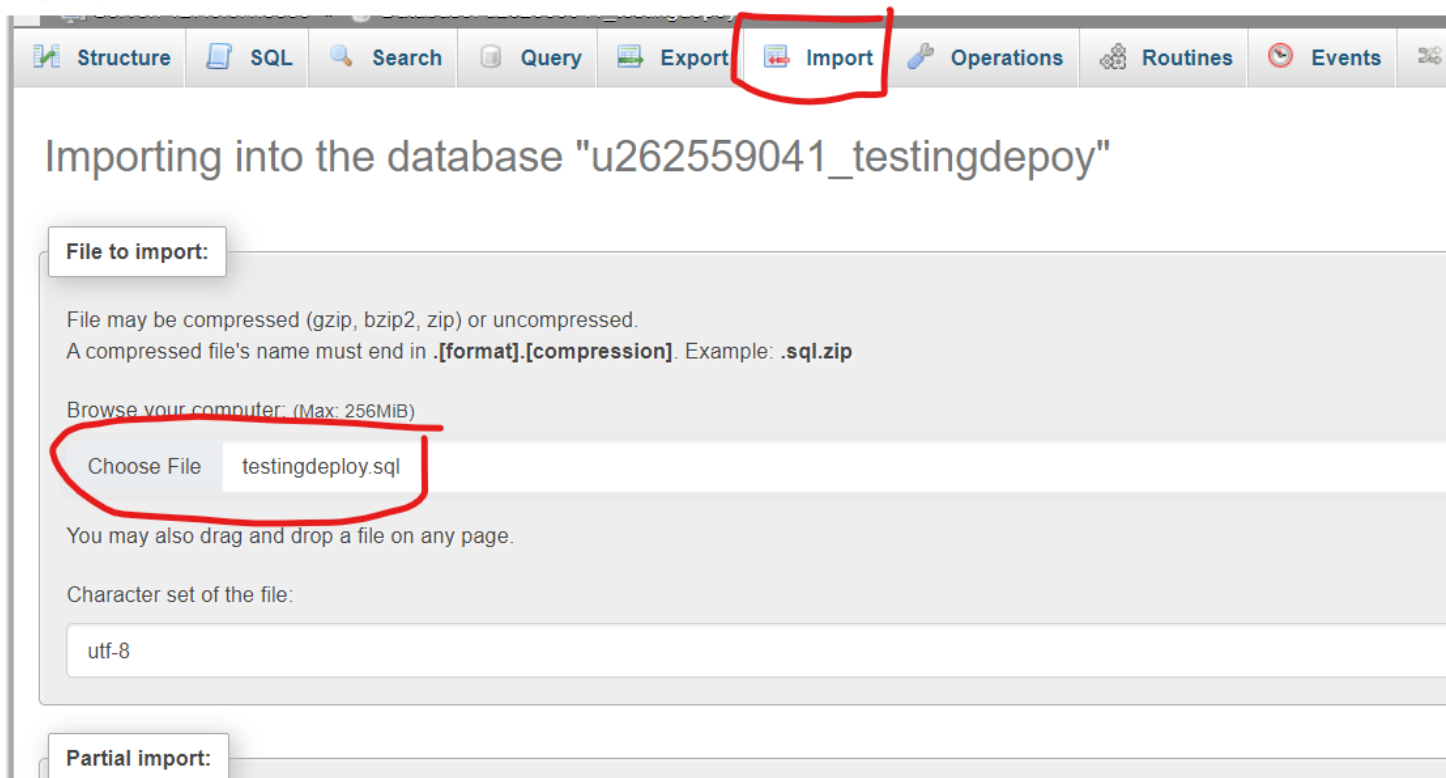
➢ Scroll Down, then click Import.

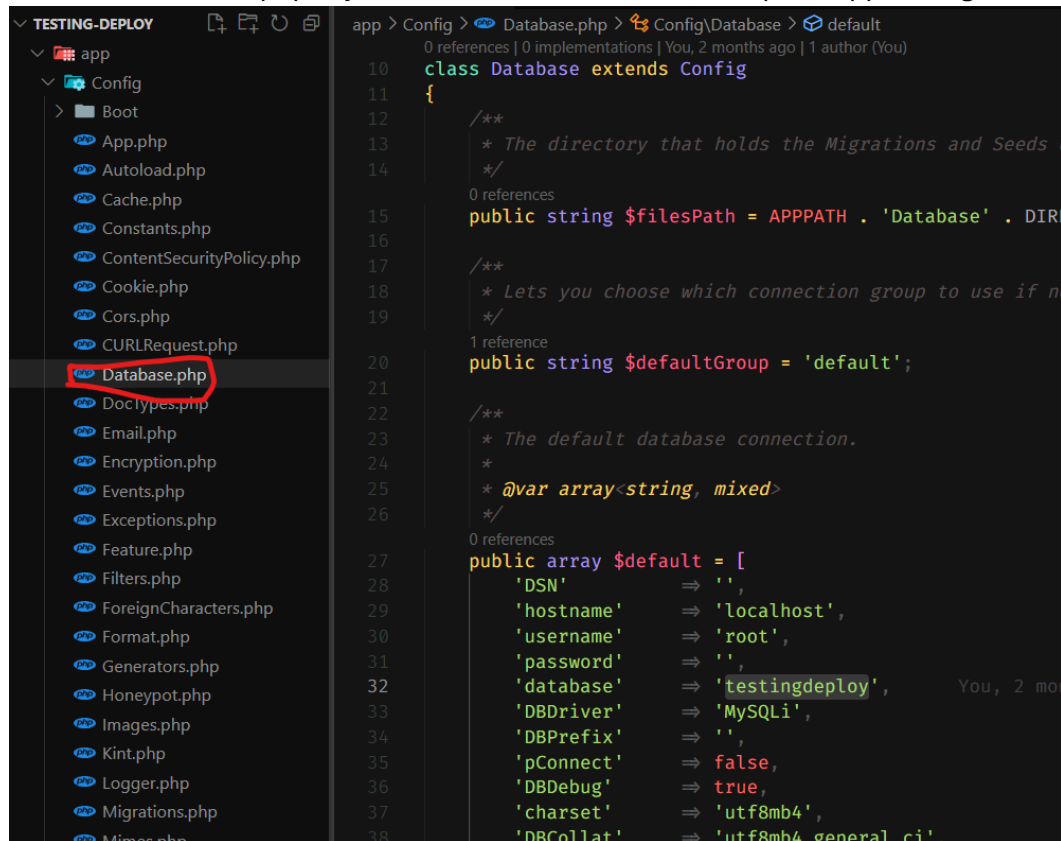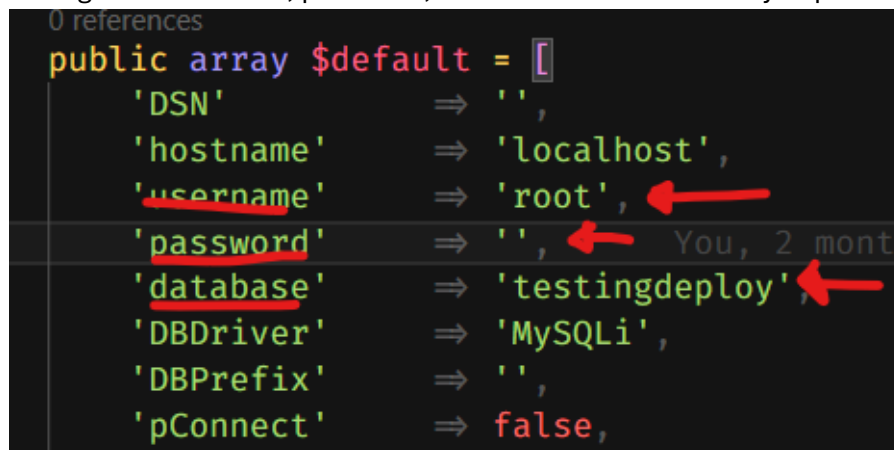➢ Go to the Database.php in your backend. It is located in this path: app\Config\Database.php
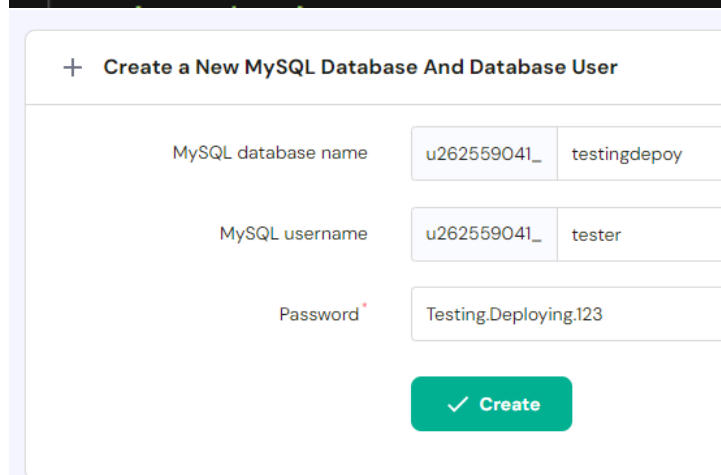

➢ Change the username, password, and database to the ones you put in the management.

➢ It should something like this:

```
0 references
public array $default = [
    'DSN'         ⇒ '',
    'hostname'    ⇒ 'localhost',
    'username'    ⇒ 'u262559041_tester',
    'password'    ⇒ 'Testing.Deploying.123',
    'database'    ⇒ 'u262559041_testingdepoy',
    'DBDriver'    ⇒ 'MySQLi',
    'DBPrefix'    ⇒ '',
    'pConnect'    ⇒ false,
    'DBDebug'     ⇒ true,
    'charset'     ⇒ 'utf8mb4',
    'DBCollat'    ⇒ 'utf8mb4_general_ci',
```

➢ Go to the App.php in your backend. It is located in this path: app\Config\App.php. Add a new baseURL that is your domain

```
6
    3 references | 1 implementation | You, 1 minute ago | 1 author (You)
7   class App extends BaseConfig
8   {
9       /**
10       * ----------------------------------------------------------------
11       * Base Site URL
12       * ----------------------------------------------------------------
13       *
14       * URL to your CodeIgniter root. Typically, this will be your base URL,
15       * WITH a trailing slash:
16       *
17       * E.g., http://example.com/
18       */
19      // public string $baseURL = 'http://localhost:8080/';
        4 references
20      public string $baseURL = 'https://app-dev-f2.com/';          You, 1 second ago · Uncommitt
21
22
23      /**
24       * Allowed Hostnames in the Site URL other than the hostname in the baseURL.
25       * If you want to accept multiple Hostnames, set this.
26       *
27       * E.g.,
28       * When your site URL ($baseURL) is 'http://example.com/', and your site
29       * also accepts 'http://media.example.com/' and 'http://accounts.example.com/':
30       *     ['media.example.com', 'accounts.example.com']
31       *
32       * @var list<string>
33       */
```
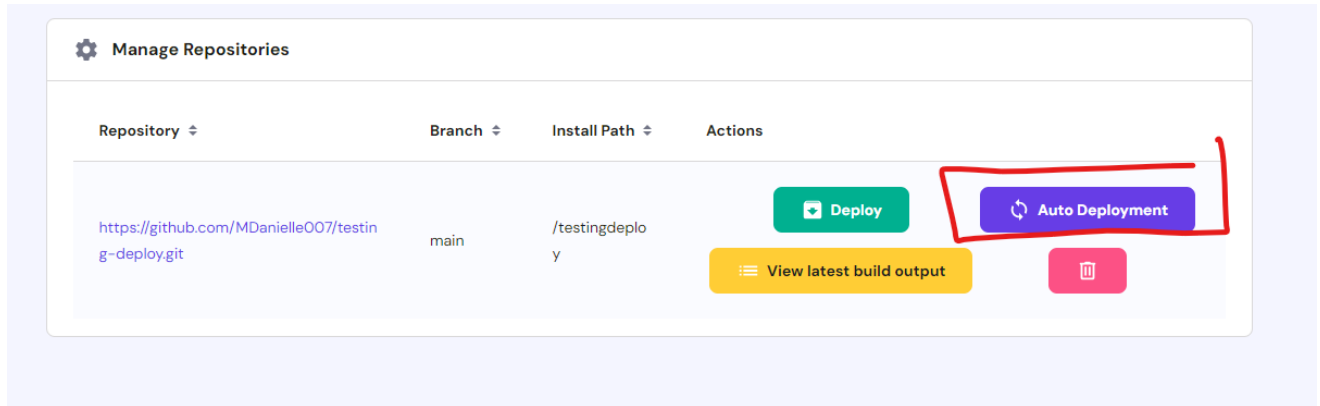
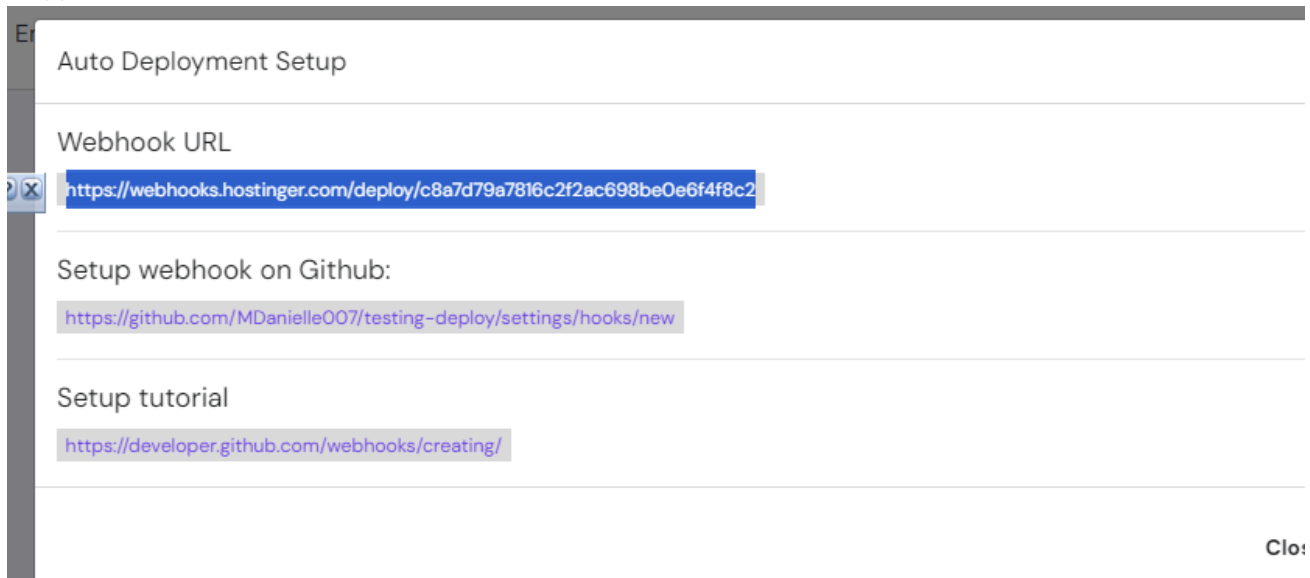# ➢ Save the File, then push the changes in your backend.

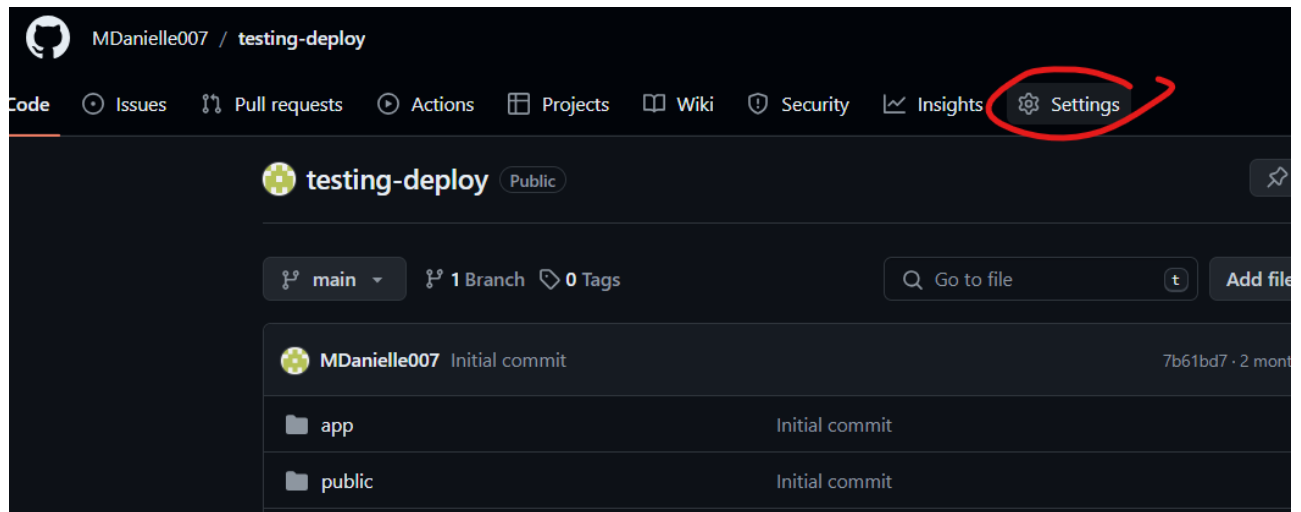➢ **Just to ensure you updated your code, click the Deploy again.**
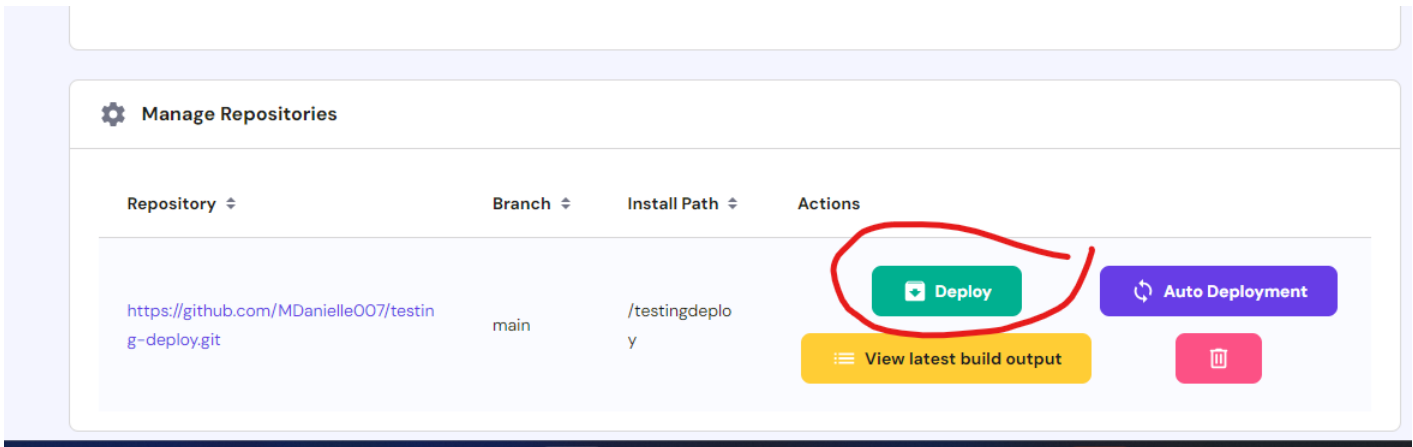
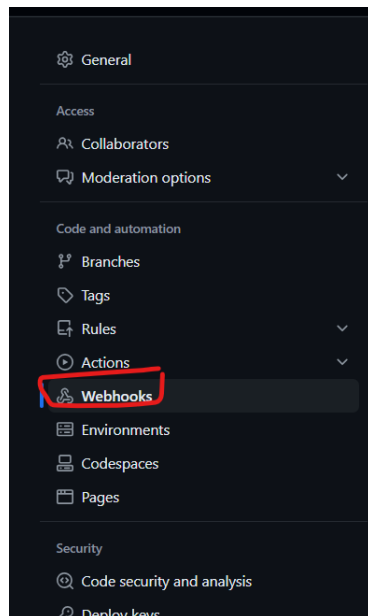➢ For Auto-deployment, Click the Auto Deployment
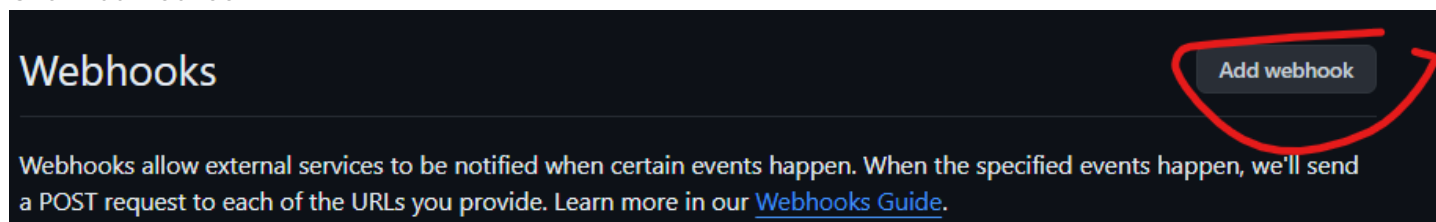

➢ Copy the WebhookURL

➢ Go to the Setting of your github repository

➢ Select the Webhooks

➢ Click Add webhook

➢ Paste the Webhook URL you've copied into the Payload URL, then click Add Webhook

We'll send a POST request to the URL below with details of any subscribed events. You can also specify which data format you'd like to receive (JSON, x-www-form-urlencoded, etc). More information can be found in our developer documentation.

Payload URL *

https://webhooks.hostinger.com/deploy/c8a7d79a7816c2f2ac698b

Content type

application/x-www-form-urlencoded ⇕

Secret

SSL verification

🔒 By default, we verify SSL certificates when delivering payloads.

⦿ **Enable SSL verification**   ○ Disable (not recommended)

Which events would you like to trigger this webhook?

⦿ Just the push event.

○ Send me **everything**.

○ Let me select individual events.

☑ **Active**

We will deliver event details when this hook is triggered.

Add webhook