



# Présentation DWWM



# Sommaire

- Installer et configurer son environnement de travail en fonction du projet web ou web mobile
- Maquetter des interfaces utilisateur web ou web mobile
- Réaliser des interfaces utilisateur statiques web ou web mobile
- Développer la partie dynamique des interfaces utilisateur web ou web mobile
- Mettre en place une base de données relationnel
- Développer des composants d'accès aux données SQL
- Développer des composants métier côté serveur
- Documenter le déploiement d'une application dynamique web ou web mobile

# Installer et configurer son environnement de travail





Laragon Full 6.0 220916 php-8.3.7-Win32-vs16-x64 [TS] 192.168.1.82

Menu

Leo K

Apache httpd-2.4.59-240404-win64-VS17 Démarré	80/443	Recharger
MySQL mysql-8.0.30-winx64 Démarré	3306	

Stop Web Base de données Terminal Dossier www

File Edit Selection View ...

Search

Show All Commands **Ctrl** + **Shift** + **P**

Open File **Ctrl** + **O**

Open Folder **Ctrl** + **K** **Ctrl** + **O**

Open Recent **Ctrl** + **R**

Dashboard

Find a repository...

Top repositories

- jean-ely-gendreau/boutique-js
- angel-putz/rutrack3
- angel-putz/cinetech
- julienbenoit/Voyage
- angel-putz/ocklock
- angel-putz/classes-php
- angel-putz/site-perso

Recent activity

When you take actions across GitHub, we'll provide links to that activity here.

Home

Updates to your homepage feed

We've combined the power of the following feed with the For you feed so there's one place to discover content on GitHub. There's improved filtering so you can customize your feed exactly how you like it, and a shiny new visual design.

Learn more

Start writing code

Start a new repository for angel-putz

A repository contains all of your project's files, revision history, and collaborative discussion.

Repository name \*

name your new repository...

☐ Public Anyone on the internet can see this repository

☒ Private You choose who can see and commit to this repository

Create a new repository

Introduce yourself with a profile README

Share information about yourself by creating a profile README, which appears at the top of your profile page.

```
angel-putz / README.md
```

```
1 < Hi, I'm angel-putz
2 < I'm interested in ...
3 < I'm currently learning ...
4 < I'm looking to collaborate on ...
5 < How to reach me ...
6 < Pronouns: ...
7 < Fun fact: ...
8
```

Create

Use tools of the trade

Write code in your web browser

Use the [github.dev web-based editor](#) from your repository or pull request to create and commit changes.

Manage projects for developers

Start using [project tables](#) to create issues, break them into tasks, track relationships, and add custom fields.

Learn. Collaborate. Grow.

GitHub Education gives you the tools and community support to take on tech challenges and turn them into opportunities. Your future in tech starts here!

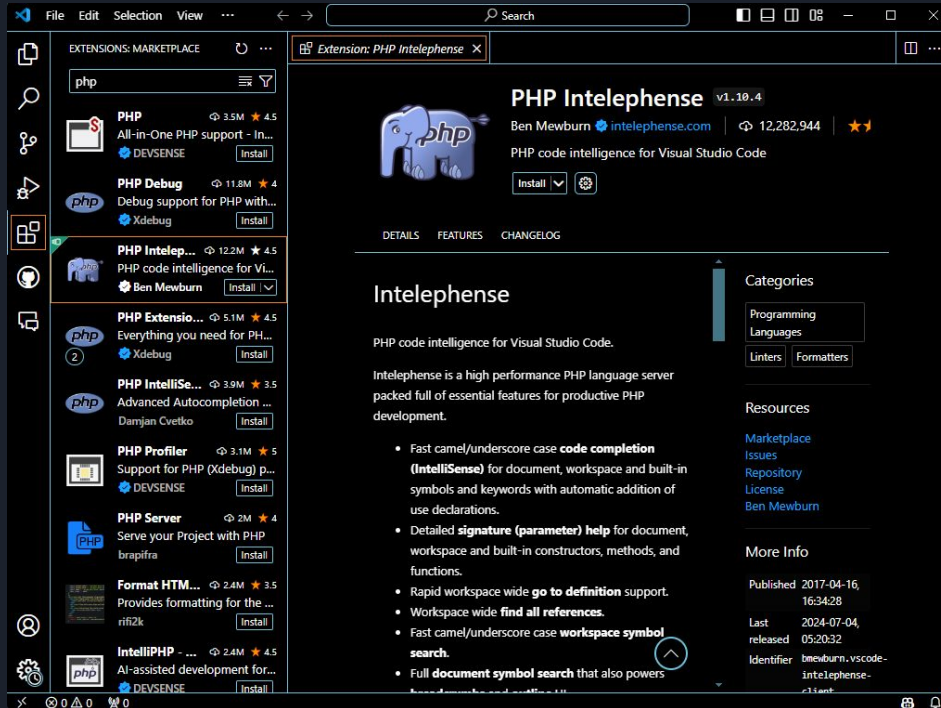
Go to GitHub Education

Explore repositories

- swifftang / swift The Swift Programming Language
- swbodin / webmin Powerful and flexible web-based server management control panel
- getentry / sentry-wizard Sentry Project Setup Wizard

Explore more

# Configuration de Visual Studio Code



The screenshot displays the Visual Studio Code interface with the Extensions Marketplace open. The left sidebar shows the 'EXTENSIONS: MARKETPLACE' view with a search bar containing 'php'. A list of PHP-related extensions is visible, including 'PHP', 'PHP Debug', 'PHP IntelliSense', 'PHP Extension Pack', 'PHP IntelliSense', 'PHP Profiler', 'PHP Server', 'Format HTML', and 'IntelliPHP'. The main panel shows the details for the 'PHP IntelliSense' extension by Ben Mewburn. The extension is version 1.10.4 and has 12,282,944 downloads. It is described as 'PHP code intelligence for Visual Studio Code'. The 'IntelliSense' section highlights features such as fast camel/underscore case code completion, detailed signature help, rapid workspace-wide go to definition support, workspace-wide find all references, fast camel/underscore case workspace symbol search, and full document symbol search.

**EXTENSIONS: MARKETPLACE**

Search: php

- PHP** 3.5M ★ 4.5  
All-in-One PHP support - In...  
DEVSENSE [Install](#)
- PHP Debug** 11.8M ★ 4  
Debug support for PHP with...  
Xdebug [Install](#)
- PHP Intelep...** 12.2M ★ 4.5  
PHP code intelligence for Vi...  
Ben Mewburn [Install](#)
- PHP Extensio...** 5.1M ★ 4.5  
Everything you need for PH...  
Xdebug [Install](#)
- PHP IntelliSe...** 3.9M ★ 3.5  
Advanced Autocompletion ...  
Damjan Cvetko [Install](#)
- PHP Profiler** 3.1M ★ 5  
Support for PHP (Xdebug) p...  
DEVSENSE [Install](#)
- PHP Server** 2M ★ 4  
Serve your Project with PHP  
brapifra [Install](#)
- Format HTM...** 2.4M ★ 3.5  
Provides formatting for the ...  
rifi2k [Install](#)
- IntelliPHP - ...** 2.4M ★ 4.5  
AI-assisted development for...  
DEVSENSE [Install](#)

**Extension: PHP IntelliSense**

**PHP IntelliSense** v1.10.4  
Ben Mewburn [intelephense.com](#) 12,282,944 ★★★★★  
PHP code intelligence for Visual Studio Code  
[Install](#) [Settings](#)

[DETAILS](#) [FEATURES](#) [CHANGELOG](#)

## IntelliSense

PHP code intelligence for Visual Studio Code.

IntelliSense is a high performance PHP language server packed full of essential features for productive PHP development.

- Fast camel/underscore case **code completion** (**IntelliSense**) for document, workspace and built-in symbols and keywords with automatic addition of use declarations.
- Detailed **signature (parameter) help** for document, workspace and built-in constructors, methods, and functions.
- Rapid workspace wide **go to definition** support.
- Workspace wide **find all references**.
- Fast camel/underscore case **workspace symbol search**.
- Full **document symbol search** that also powers **find all references** and **outline view**.

**Categories**

- Programming Languages
- Linters
- Formatters

**Resources**

- [Marketplace](#)
- [Issues](#)
- [Repository](#)
- [License](#)
- [Ben Mewburn](#)

**More Info**

Published 2017-04-16, 16:34:28  
Last released 2024-07-04, 05:20:32  
Identifier bmewburn.vsc-intelephense-csharp

# Configuration de github

## Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

Required fields are marked with an asterisk (\*).

Owner \*

 angel-putz ▾

Repository name \*

/

Great repository names are short and memorable. Need inspiration? How about [shiny-winner](#) ?

Description (optional)

☒  **Public**

Anyone on the internet can see this repository. You choose who can commit.

☐  **Private**

You choose who can see and commit to this repository.

Initialize this repository with:

☐ **Add a README file**

This is where you can write a long description for your project. [Learn more about READMEs.](#)

Add .gitignore

.gitignore template: **None** ▾

Choose which files not to track from a list of templates. [Learn more about ignoring files.](#)

Choose a license

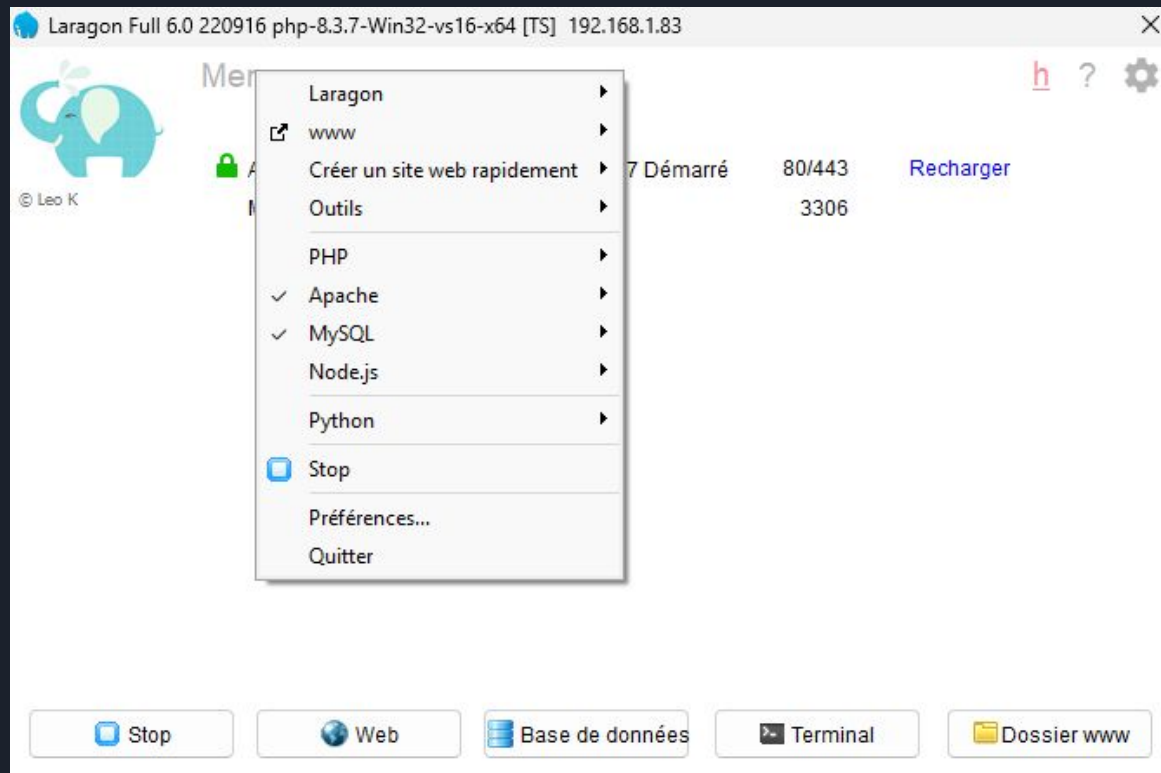
License: **None** ▾

A license tells others what they can and can't do with your code. [Learn more about licenses.](#)

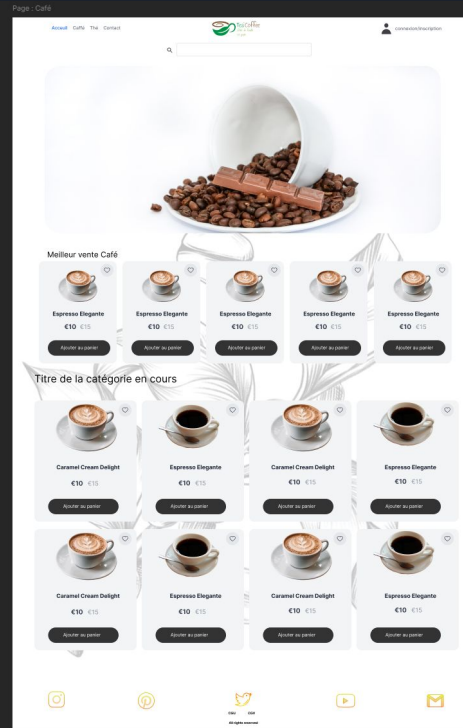
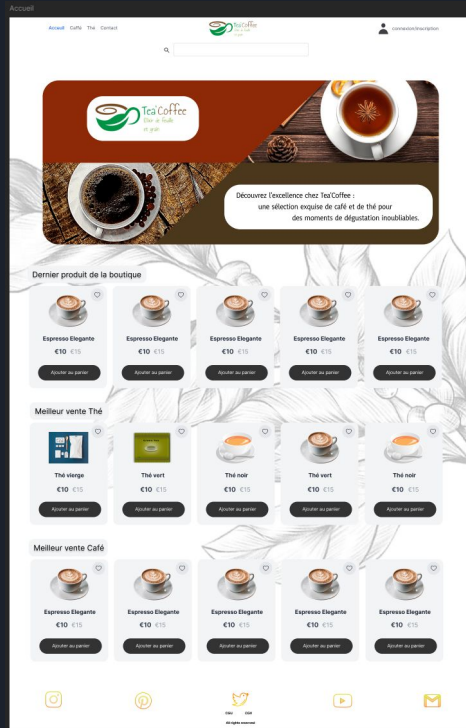
① You are creating a public repository in your personal account.

Create repository

# Configuration de Laragon



# Maquetter des interfaces





# Réaliser des interfaces utilisateur statiques

**HTML**



+

**CSS**



# Fan site

[Accueil](#)

[Evenement](#)

[Histoire](#)

[Photo](#)

[Fan site](#)

[Contact](#)



Bienvenue dans le fan site de metallica

# Code du fan site

index.html > ...

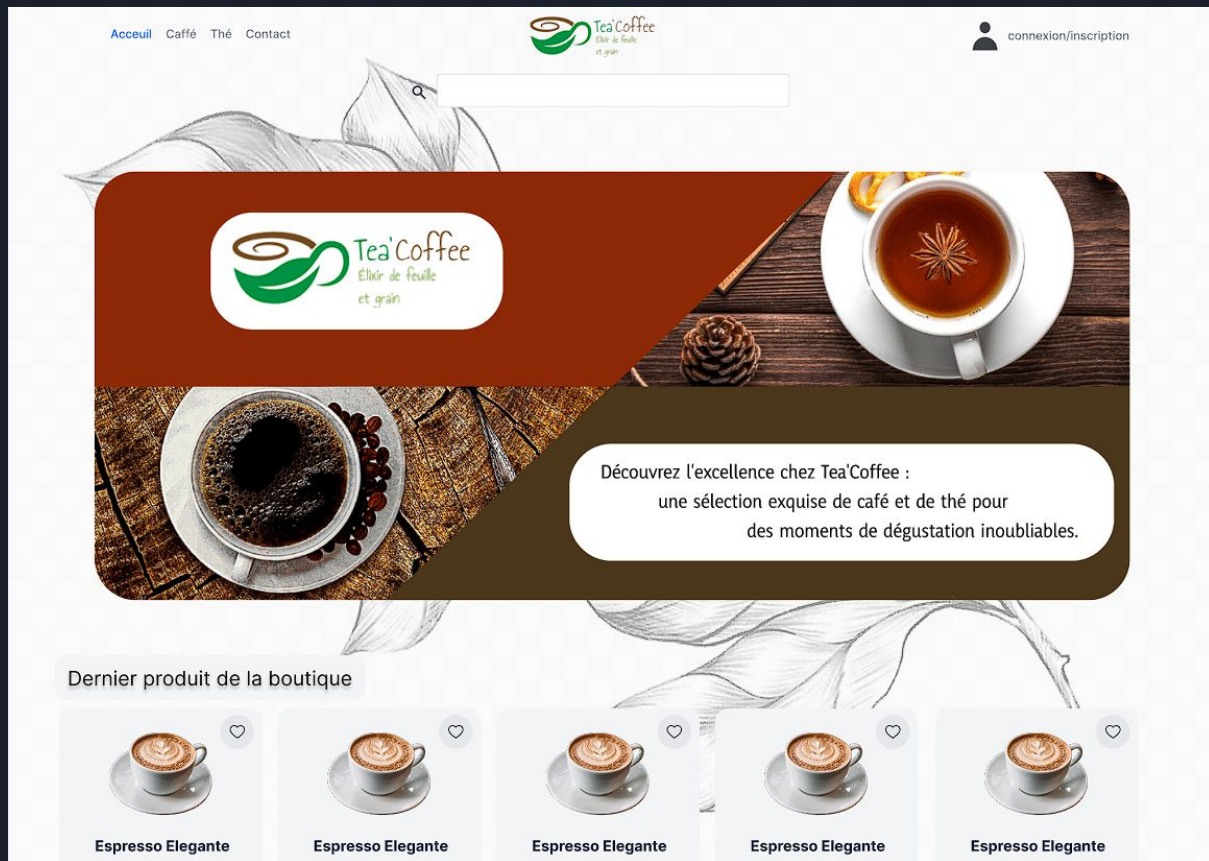
```
1 <!DOCTYPE html>
2 <html lang="fr">
3 <head>
4   <meta charset="UTF-8">
5   <link rel="stylesheet" href="fansite.css">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <title>Fan-site-metallica</title>
8 </head>
9 <body>
10   <header class="entete">
11     <p><a href="index.html">Accueil</a></p>
12     <p><a href="evenement.html">Evenement</a></p>
13     <p><a href="histoire.html">Histoire</a></p>
14     <p><a href="photo-video.html">Photo</a></p>
15     <p><a href="fansite.html">Fan site</a></p>
16     <p><a href="contact-fan-site.html">Contact</a></p>
17   </header>
18
19   <nav class="back2"></nav>
20   <nav class="animation">
21     <p class="titre">Bienvenue dans le fan site de metallica</p></nav>
22     <h3 class="gras">Actualité</h3>
23     <h5>Metallica : que vaut « 72 Seasons »?</h5>
24     <p>Le groupe de metal californien sort « 72 Seasons », son onzième album ce vendredi 14 avril 2023. Au crépuscule de sa carrière, après quarante ans de carrière, l'inspire
25     <p><a href="https://www.ouest-france.fr/culture/musiques/72-seasons-ou-le-nouveau-printemps-de-metallica-1eab5724-d9f6-11ed-abda-5edc1b0bb3e8" target="_blank">Suite...</a>
26
27     <h5>Metallica annonce un nouvel album et deux dates au Stade de France</h5>
28     <p>Le groupe a dévoilé la date de sortie de son nouvel album « 72 Seasons », un titre inédit et annoncé deux dates au Stade de France : les 17 et 19 mai prochains.</p>
29     <p><a href="https://www.huffingtonpost.fr/culture/article/metallica-annonce-un-nouvel-album-et-deux-dates-au-stade-de-france_210857.html" target="_blank">Suite...</a></p>
30   </footer>
31
32   <p>Reseaux sociaux :</p>
33   <a href="https://twitter.com/Metallica" target="_blank">
34      </a>
35     <a href="https://www.instagram.com/metallica" target="_blank">
36        </a>
37       <a href="https://www.facebook.com/Metallica" target="_blank">
38          </a>
39     <p><a href="https://www.metallica.com" target="_blank">Site officiel de Metallica</a></p>
```



Développer la partie dynamique



# Site internet dynamique



# Code du site dynamique

```
$("#search-dropdown").autocomplete({
  source: function(request, response) {
    //console.log('source function called'); // Log when source function is called
    var parsedData = data;
    var exactMatches = [];
    var partialMatches = [];
    $.each(parsedData, function(index, item) {
      //console.log('In $.each loop'); // Log when in $.each loop
      var categoryName = categoryMap[item.category_id];
      /*
      console.log('Item name:', item.name); // Log item name
      console.log('Category name:', categoryName); // Log category name
      console.log('Item name starts with request term:', item.name.startsWith(request.term), request.term,
      */
      if (item.name && item.name.startsWith(request.term)) {
        exactMatches.push({label:item.name,value:item.quantity});
      } else if (categoryName === selectedCategory) {
        partialMatches.push({label:item.name,value:item.quantity});
      }
    });
    /*
    console.log('Exact matches:', exactMatches); // Log exact matches
    console.log('Partial matches:', partialMatches); // Log partial matches
    console.log('Response:', exactMatches.concat([ { label: "---", value: "" } ])); // Log response
    */
    response(exactMatches.concat([ { label: "---", value: "" } ]));
  },
  focus: function(event, ui) {
    event.preventDefault();
  },
  select: function(event, ui) {
    if (ui.item.value !== "") {
      window.location.href = 'detail/' + ui.item.id;
    }
    return false;
  },
  minLength: 1
});
```



# Code site dynamique

```
public function getUserById(...$arguments)
{
    // cette fonction permet de récupérer un utilisateur par son id et de l'afficher en format json si l'utilisateur a accès à l'API
    if ($this->accesAPI == true) {
        $id = $arguments["id"];

        $GetuserById = $this->users->getById($id);

        $logFile = '../..../config/logs/logfile.txt';
        if (!file_exists($logFile)) {
            $directory = dirname($logFile);

            // Create the directory if it doesn't exist
            if (!is_dir($directory)) {
                mkdir($directory, 0777, true);
            }

            // Create the file
            touch($logFile);
        }

        // Now you can use error_log
        $logMessage = $GetuserById ? "User retrieved successfully." : "Failed to retrieve user.";
        error_log($logMessage, 3, $logFile);
        http_response_code(200);

        header('Content-Type: application/json');

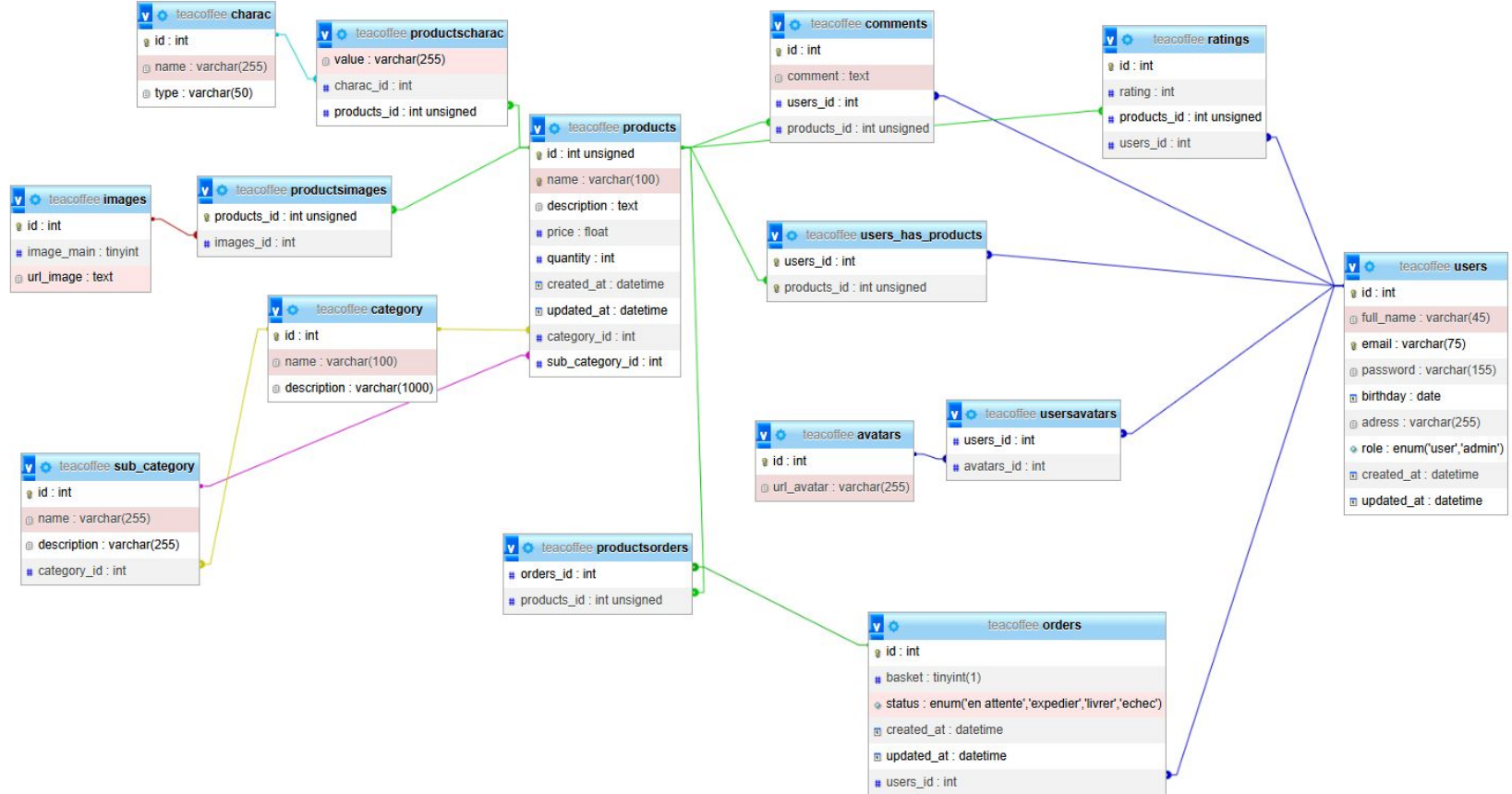
        echo json_encode($GetuserById);
    } else {
        header('Location: /404');
    }
}
```

Mettre en place une base de données relationnel






# Table relationnel d'une base de données



# Base de données

← T →											
		id	full_name	email	password	birthday	adress	role	created_at	updated_at	
<input type="checkbox"/>	<a href="#">Edit</a>	<a href="#">Copy</a>	<a href="#">Delete</a>	1	Jean-Ely	jean-ely.gendrau@laplateforme.io	\$argon2id\$v=19\$m=65536,t=2,p=1\$qm60Qf7PnwIKVr6/rrG...	1990-04-15	83000 Toulon	admin	2024-05-02 02:43:41 2024-05-13 10:18:41
<input type="checkbox"/>	<a href="#">Edit</a>	<a href="#">Copy</a>	<a href="#">Delete</a>	2	Esteban	esteban.bare@laplateforme.io	\$argon2id\$v=19\$m=65536,t=2,p=1\$qm60Qf7PnwIKVr6/rrG...	1990-04-15	83000 Toulon	admin	2024-05-02 02:43:41 2024-05-13 10:18:41
<input type="checkbox"/>	<a href="#">Edit</a>	<a href="#">Copy</a>	<a href="#">Delete</a>	3	Alexandre	alexandre.detroy@laplateforme.io	\$argon2id\$v=19\$m=65536,t=2,p=1\$qm60Qf7PnwIKVr6/rrG...	1990-04-15	83000 Toulon	admin	2024-05-02 02:43:41 2024-05-13 10:18:41
<input type="checkbox"/>	<a href="#">Edit</a>	<a href="#">Copy</a>	<a href="#">Delete</a>	4	Jean-Philippe	jean-philippe.douzou@laplateforme.io	\$argon2id\$v=19\$m=65536,t=2,p=1\$qm60Qf7PnwIKVr6/rrG...	1990-04-15	83000 Toulon	admin	2024-05-02 02:43:41 2024-05-13 10:18:41
<input type="checkbox"/>	<a href="#">Edit</a>	<a href="#">Copy</a>	<a href="#">Delete</a>	5	Angel	angel.putz@laplateforme.io	\$argon2id\$v=19\$m=65536,t=2,p=1\$qm60Qf7PnwIKVr6/rrG...	1990-04-15	83000 Toulon	admin	2024-05-02 02:43:41 2024-05-13 10:18:41
<input type="checkbox"/>	<a href="#">Edit</a>	<a href="#">Copy</a>	<a href="#">Delete</a>	6	Ronnie Bartosinski	rbartosinski0@meetup.com	\$argon2id\$v=19\$m=65536,t=2,p=1\$Y/dyR6x5AjX+SdRy/jB...	1978-09-08	14690 Rapilly - 14	user	2024-05-02 02:43:41 2024-05-02 02:43:41
<input type="checkbox"/>	<a href="#">Edit</a>	<a href="#">Copy</a>	<a href="#">Delete</a>	7	Teddie Moakes	tmoakes1@europa.eu	\$argon2id\$v=19\$m=65536,t=2,p=1\$yKT9jAub9lFyGcFHGSK...	1991-04-07	41100 Pezou - 41	user	2024-05-02 02:43:41 2024-05-02 02:43:41
<input type="checkbox"/>	<a href="#">Edit</a>	<a href="#">Copy</a>	<a href="#">Delete</a>	8	Calvin MacQuaker	cmacquaker2@marketwatch.com	\$argon2id\$v=19\$m=65536,t=2,p=1\$Mb2jroTHYHZzPy1OLqD...	1965-05-09	71500 Branges - 71	user	2024-05-02 02:43:42 2024-05-02 02:43:42
<input type="checkbox"/>	<a href="#">Edit</a>	<a href="#">Copy</a>	<a href="#">Delete</a>	9	Lawrence Grand	lgrand3@umich.edu	\$argon2id\$v=19\$m=65536,t=2,p=1\$nyrrcFbbGOIXNXmpAIO...	1969-10-11	17810 Pessines - 17	user	2024-05-02 02:43:42 2024-05-02 02:43:42
<input type="checkbox"/>	<a href="#">Edit</a>	<a href="#">Copy</a>	<a href="#">Delete</a>	10	Alanson Ebdin	aebdin4@flickr.com	\$argon2id\$v=19\$m=65536,t=2,p=1\$tWBJUVfp8HwYFTO41Zu...	2003-07-10	77580 Guérard - 77	user	2024-05-02 02:43:42 2024-05-02 02:43:42
<input type="checkbox"/>	<a href="#">Edit</a>	<a href="#">Copy</a>	<a href="#">Delete</a>	11	Bonnee Lockhead	blockhead5@tinypic.com	\$argon2id\$v=19\$m=65536,t=2,p=1\$QhLOVfCiKrlY8ee3uyM...	1987-02-13	28310 Neuvy-en-Beauce - 28	user	2024-05-02 02:43:42 2024-05-02 02:43:42
<input type="checkbox"/>	<a href="#">Edit</a>	<a href="#">Copy</a>	<a href="#">Delete</a>	12	Jarret Heale	jheale6@uol.com.br	\$argon2id\$v=19\$m=65536,t=2,p=1\$eagEKXU56gyQT4C7Yjc...	1993-04-02	50440 Brannville-Hague - 50	user	2024-05-02 02:43:42 2024-05-02 02:43:42
<input type="checkbox"/>	<a href="#">Edit</a>	<a href="#">Copy</a>	<a href="#">Delete</a>	13	Leyla Simionescu	lsimionescu7@ocn.ne.jp	\$argon2id\$v=19\$m=65536,t=2,p=1\$FtrN0vuQYM1bZQwPmP0...	1997-03-09	59142 Villers-Outréaux - 59	user	2024-05-02 02:43:42 2024-05-02 02:43:42
<input type="checkbox"/>	<a href="#">Edit</a>	<a href="#">Copy</a>	<a href="#">Delete</a>	14	Lea Rennicks	lrennicks8@theguardian.com	\$argon2id\$v=19\$m=65536,t=2,p=1\$seers8pHjAGBa0cAbbNx...	1981-11-24	23480 Le Donzeil - 23	user	2024-05-02 02:43:42 2024-05-02 02:43:42
<input type="checkbox"/>	<a href="#">Edit</a>	<a href="#">Copy</a>	<a href="#">Delete</a>	15	Berkeley Serjeant	bserjeant9@comcast.net	\$argon2id\$v=19\$m=65536,t=2,p=1\$2C10UUmYzHlwFTn/aL...	1982-08-18	86170 Maisonneuve - 86	user	2024-05-02 02:43:42 2024-05-02 02:43:42
<input type="checkbox"/>	<a href="#">Edit</a>	<a href="#">Copy</a>	<a href="#">Delete</a>	16	Ynez Reddings	yreddingsa@fastcompany.com	\$argon2id\$v=19\$m=65536,t=2,p=1\$LTlh06fwKIBBx7Xe0j...	1990-12-08	80800 Daours - 80	user	2024-05-02 02:43:43 2024-05-02 02:43:43
<input type="checkbox"/>	<a href="#">Edit</a>	<a href="#">Copy</a>	<a href="#">Delete</a>	17	Noak Reston	nrestonb@yahoo.com	\$argon2id\$v=19\$m=65536,t=2,p=1\$hpWmUuJsl10L5u+oJF...	1971-11-12	28630 Gellainville - 28	user	2024-05-02 02:43:43 2024-05-02 02:43:43



# Développer des composants d'accès aux données SQL

```
$sql = 'SELECT u.adress, o.*, p.* FROM orders o
JOIN productsorders po ON o.id = po.orders_id
JOIN products p ON p.id = po.products_id
join users u ON u.id = o.users_id
WHERE o.users_id = :client_id AND o.basket = 0';
$stmt = $this->_dbConnect->prepare($sql);
$stmt->execute(['client_id' => $clientId]);
$stmt->setFetchMode(\PDO::FETCH_OBJ);
```

# Comment se connecter à une base de données

```
class Database{

    private static $servername = 'localhost';
    private static $username = 'root';
    private static $password = '';
    private static $BDD = 'livreor';
    private static $conn = null;

    public static function connect(){ //fonction de connexion à la BDD
        if (null == self::$conn){ //si la connexion est nulle
            try{ //on essaie de se connecter
                self::$conn = new PDO("mysql:host=".self::$servername.";". "dbname=".self::$BDD,self::$username,self::$password);
            }catch(PDOException $e){
                die($e->getMessage());
            }
        }
        return self::$conn;
    }
}
```



# Connexion grace a ORM

```
DB_CONNECTION=mysql
DB_HOST=127.0.0.1
DB_PORT=3306
DB_DATABASE=laravel
DB_USERNAME=root
DB_PASSWORD=
```

```
Schema::create('produit', function (Blueprint $table) {
    $table->id();
    $table->string('nom',100);
    $table->string('description',100);
    $table->integer('prix');
    $table->timestamps();
});
```



Développer des composants métier côté serveur







# Code avec Node.js

```
app.post("/jwtsignin", (request, response) => {
  console.log("jwt sign");
  let data = request.cookies.email;
  //let data = "email";
  console.log(data);

  // Define the secret key
  let key = jwt_key;

  console.log(key);

  // Generate the JWT token
  let token = jwt.sign({ data }, key, {
    expiresIn: '1h',
    algorithm: "HS256"
  });

  // Send the token to the cookie

  response.cookie('token', token, { httpOnly: true }); // Send the token to the cookie
  response.cookie('key', key, { httpOnly: true }); // Send the key to the cookie
  response.send("Token generated and sent to the cookie");
})
```



# Code avec Node.js

```
app.post("/jwtverify", (request, response) => {
  console.log("jwt verify");
  const token = request.cookies.token; // Extract the token from the cookie

  console.log(token);

  const key = request.cookies.key; // Extract the key from the cookie

  console.log(key);

  var decoded = jwt.decode(token); // Decode the token

  console.log(decoded);

  jwt.verify(token, key, { algorithms: "HS256", expiresIn: '1h' }, function (err, decoded) {
    if (err) {
      console.log(err);
      console.log("c'est pas ok");
      response.status(401).send("Token verification failed");
    } else {
      console.log(decoded);
      console.log("c'est ok");
      response.send("Token verification successful");
    }
  });
});
```



# Documenter le déploiement d'une application

## ### Pour initialiser le projet

### 1. Récupérer le repository

- Avec git en ligne de commande

```
```git
git clone https://github.com/jean-ely-gendrau/boutique-js.git
```
```

- Télécharger le repo et dézippez-le

### 2. Démarrer le projet dans votre IDE (VSCODE)

- Rendez-vous à la section du [WIKI docker](<https://github.com/jean-ely-gendrau/boutique-js/wiki/Docker>) pour bien commencer. 🚀

## ### Aide

- > [!TIP]
- > npm start
- > Doit être exécutés à chaque lancement du projet.

Cela permet de compiler le code css de tailwind et d'éviter de rentrer cette commande à chaque fois.

```
```json
{
  "scripts": {
    "start": "npx tailwindcss -i ./styles_import/styles.css -o ./public_html/assets/styles/global.css --watch"
  }
}
```
```



# Déploiement d'un site





# Conclusion