FPT ACADEMY INTERNATIONAL

FPT – APTECH COMPUTER EDUCATION

INSTALLATION GUIDE FOR ZENSTYLE PROJECT

Zenstyle Salon

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HARDWARE/ SOFTWARE REQUIREMENTS:

HARDWARE

Processor	Intel Core I5 or higher.
Memory	8 GB RAM or greater.
Monitor	VGA (1024x768) or higher resolution.
Modem/ADSL	Internet access is required.

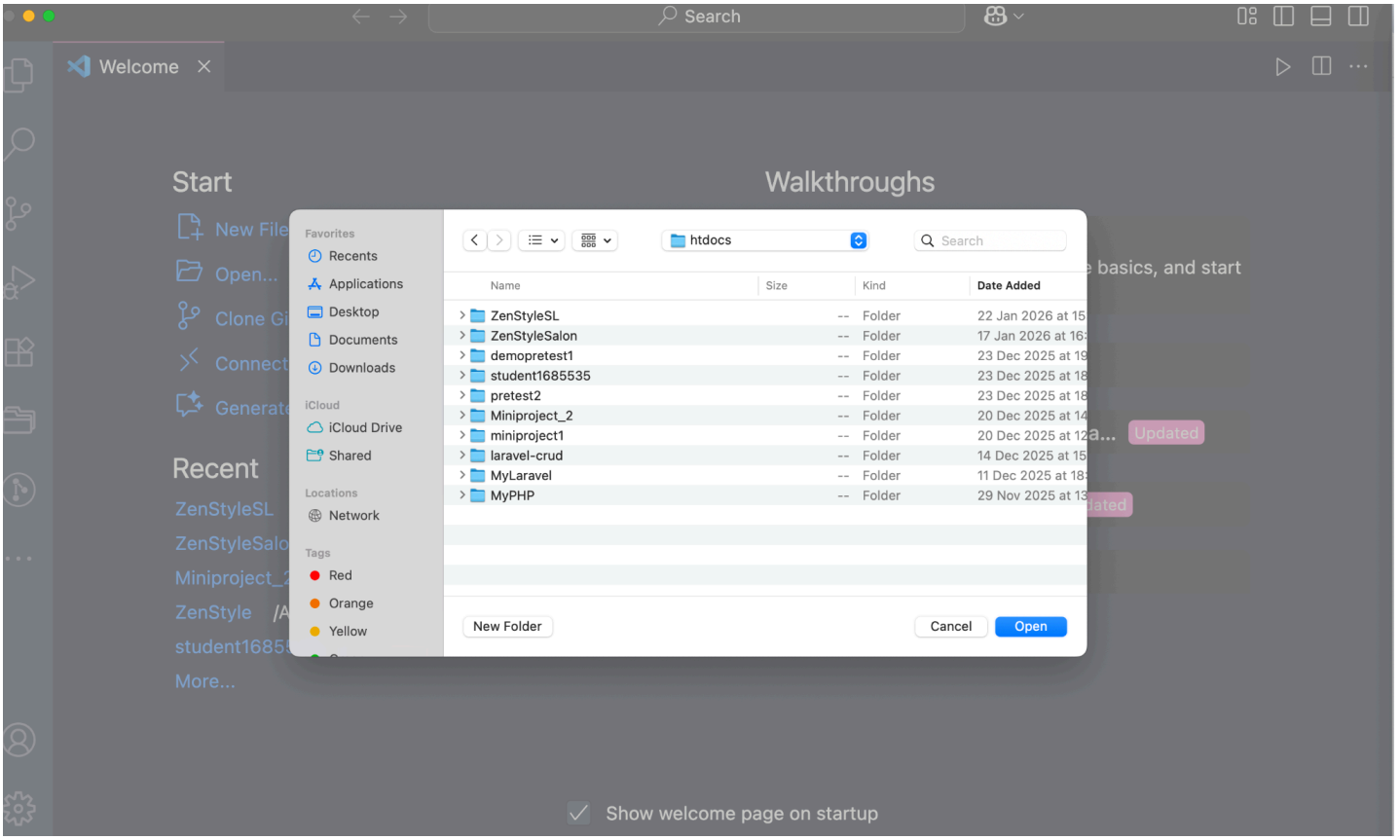
Operation System	Mac OS or Window 11
Browser	Google Chrome

SOFTWARE

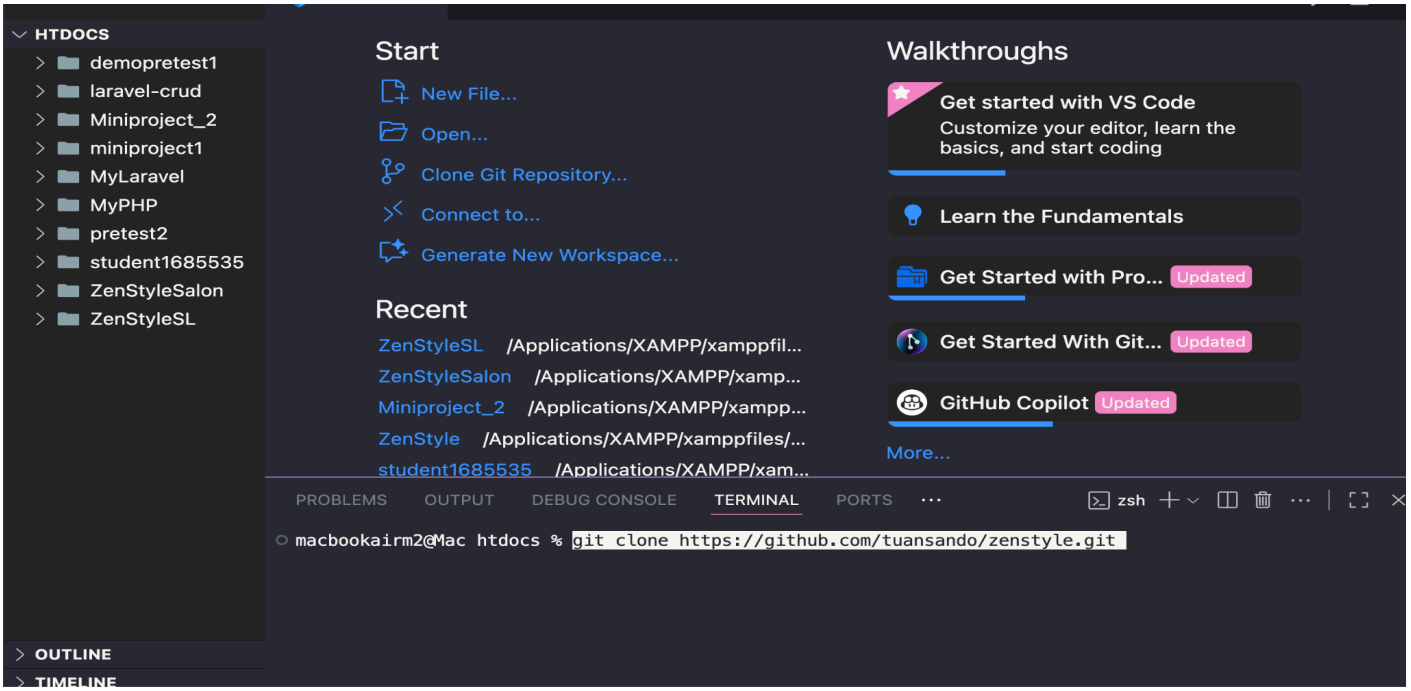
- Microsoft® Windows 10/11.
- XAMPP.
- PHP MySQL.
- VsCode.

Step 1: Prepare Source Code

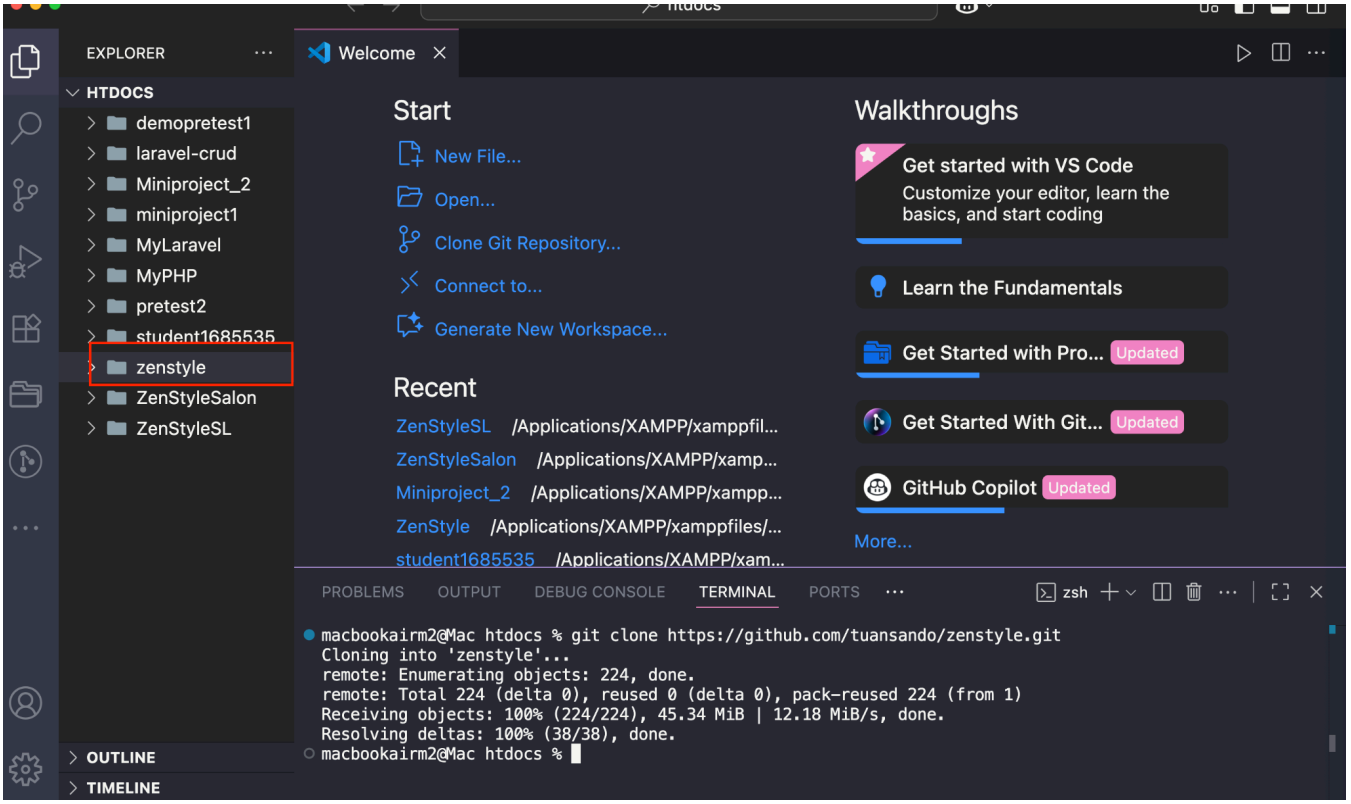
1.Open VS Code and use the Open Folder option to open the htdocs folder within your XAMPP installation directory.



2. In the VS Code toolbar, go to Terminal -> New Terminal.
3. Clone the project repository from GitHub: git clone https://github.com/tuansando/zenstyle.git



4. Once the cloning process is finished, a folder named zenstyle_Complete will be available in the htdocs directory.



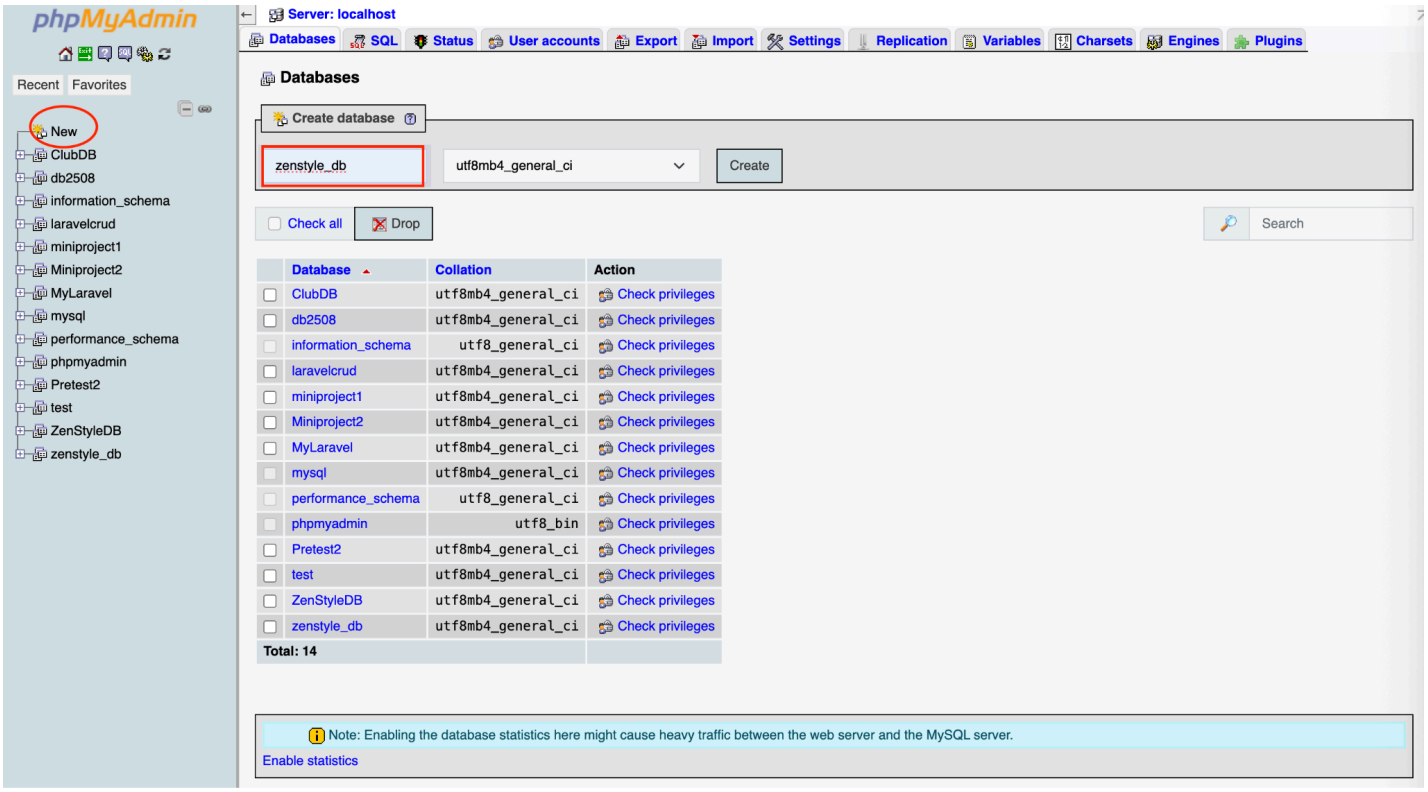
Step 2: Database Setup

1. Open the XAMPP, start MySQL Database and Apache Web Server.

phpMyAdmin management page.

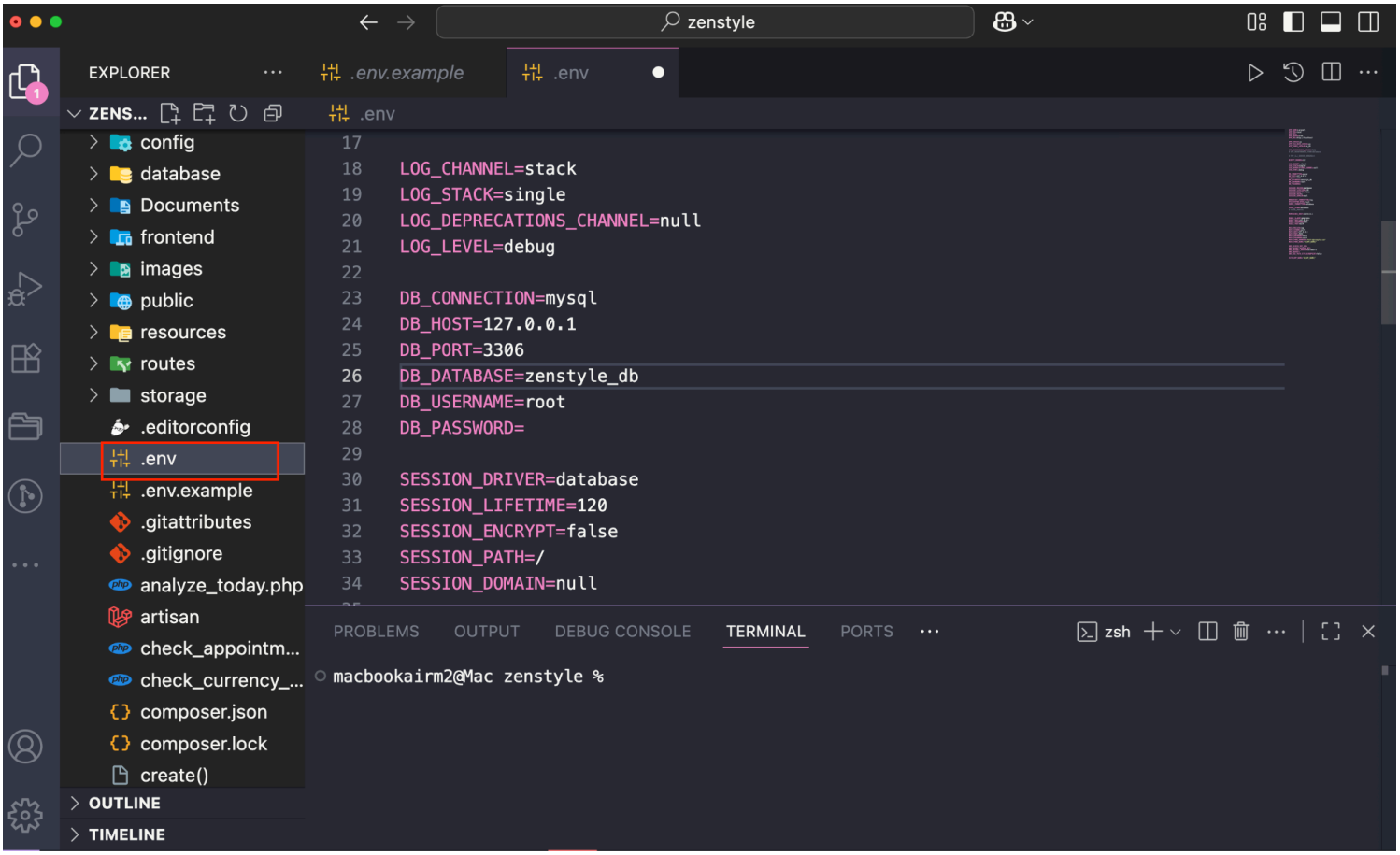
2. .Enter http://localhost/phpmyadmin/ to open phpMyAdmin management page.

3. Create a new, empty database named: zenstyle_db



Step 3: Backend Configuration (Laravel)

1. Enter the laravel_backend directory, find the .env.example file, and duplicate it as a new file named .env. following environment variables to connect to your MySQL database



2. APP_NAME=Laravel
APP_ENV=local
APP_KEY=
APP_DEBUG=true
APP_TIMEZONE=Asia/Ho_Chi_Minh
APP_URL=http://localhost:8000

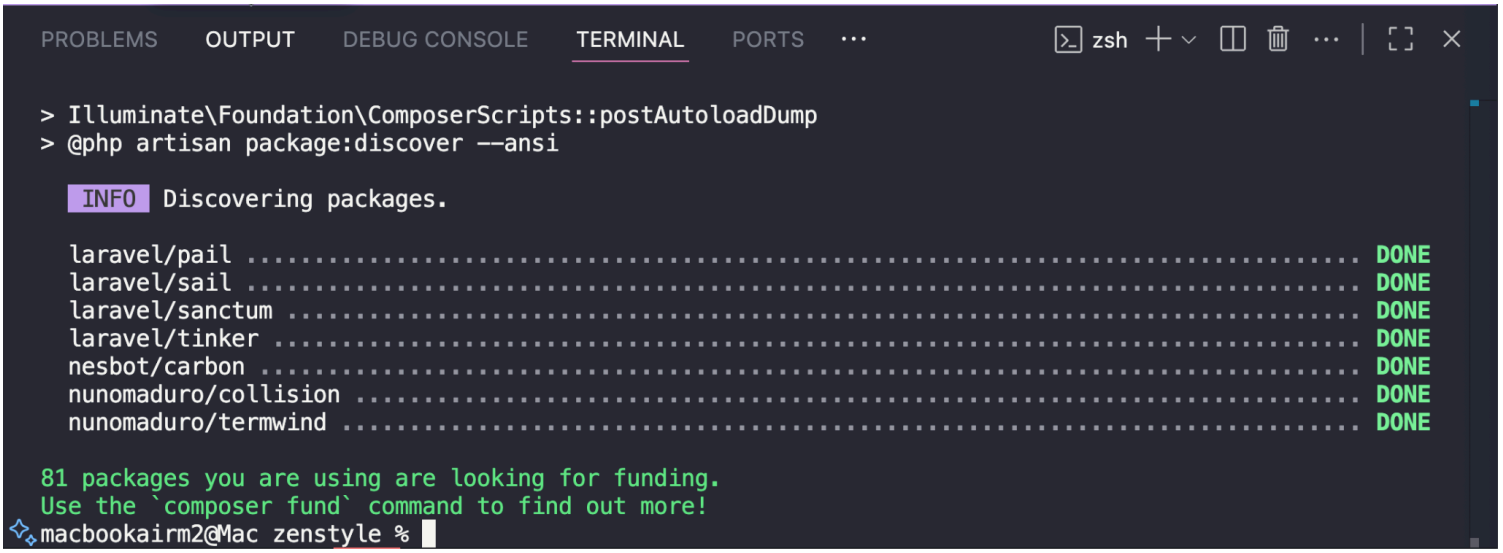
# Database Configuration
DB_CONNECTION=mysql
DB_HOST=127.0.0.1
DB_PORT=3306
DB_DATABASE=zenstyle_db
DB_USERNAME=root
DB_PASSWORD=

# Session & Cache
SESSION_DRIVER=database
SESSION_DOMAIN=localhost
CACHE_STORE=database

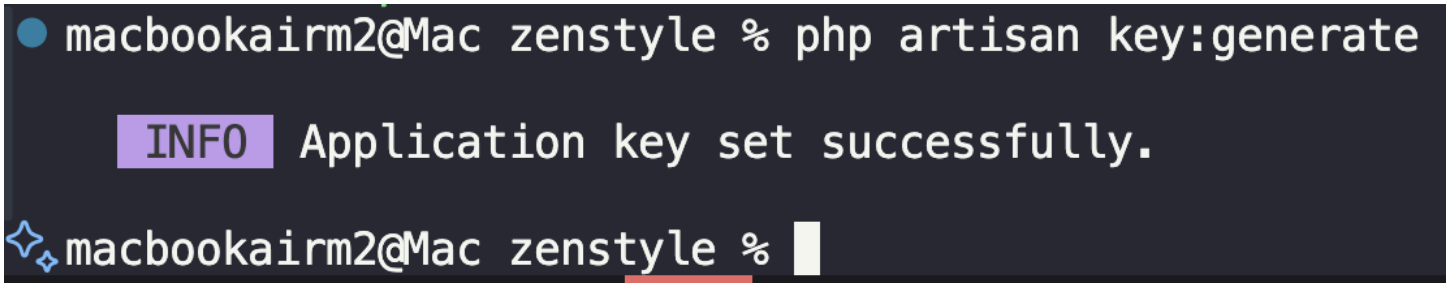
# Sanctum (API Authentication)
SANCTUM_STATEFUL_DOMAINS=localhost:8000,127.0.0.1:8000

3. Library Installation and Data Initialization

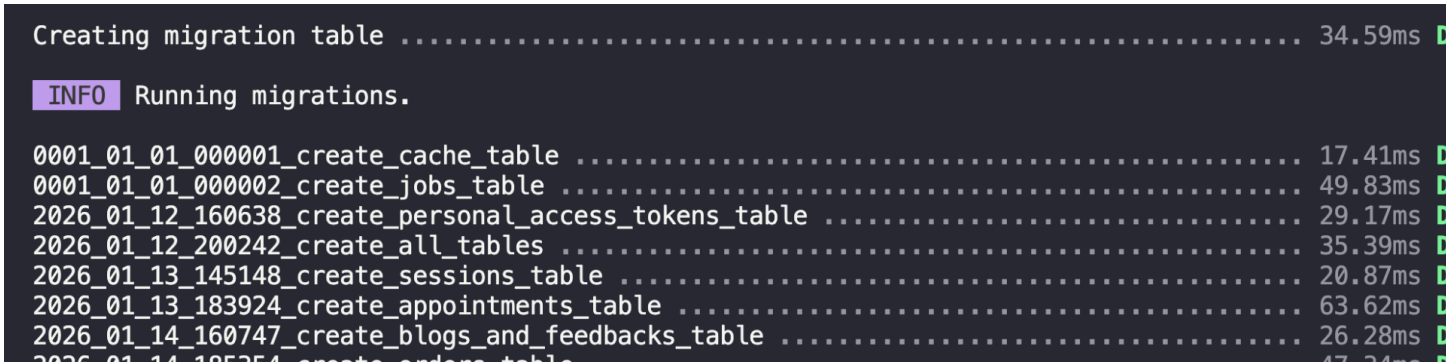
3.1 Install Dependencies: Open Terminal
composer install



3.2 Generate Application Key:
php artisan key:generate



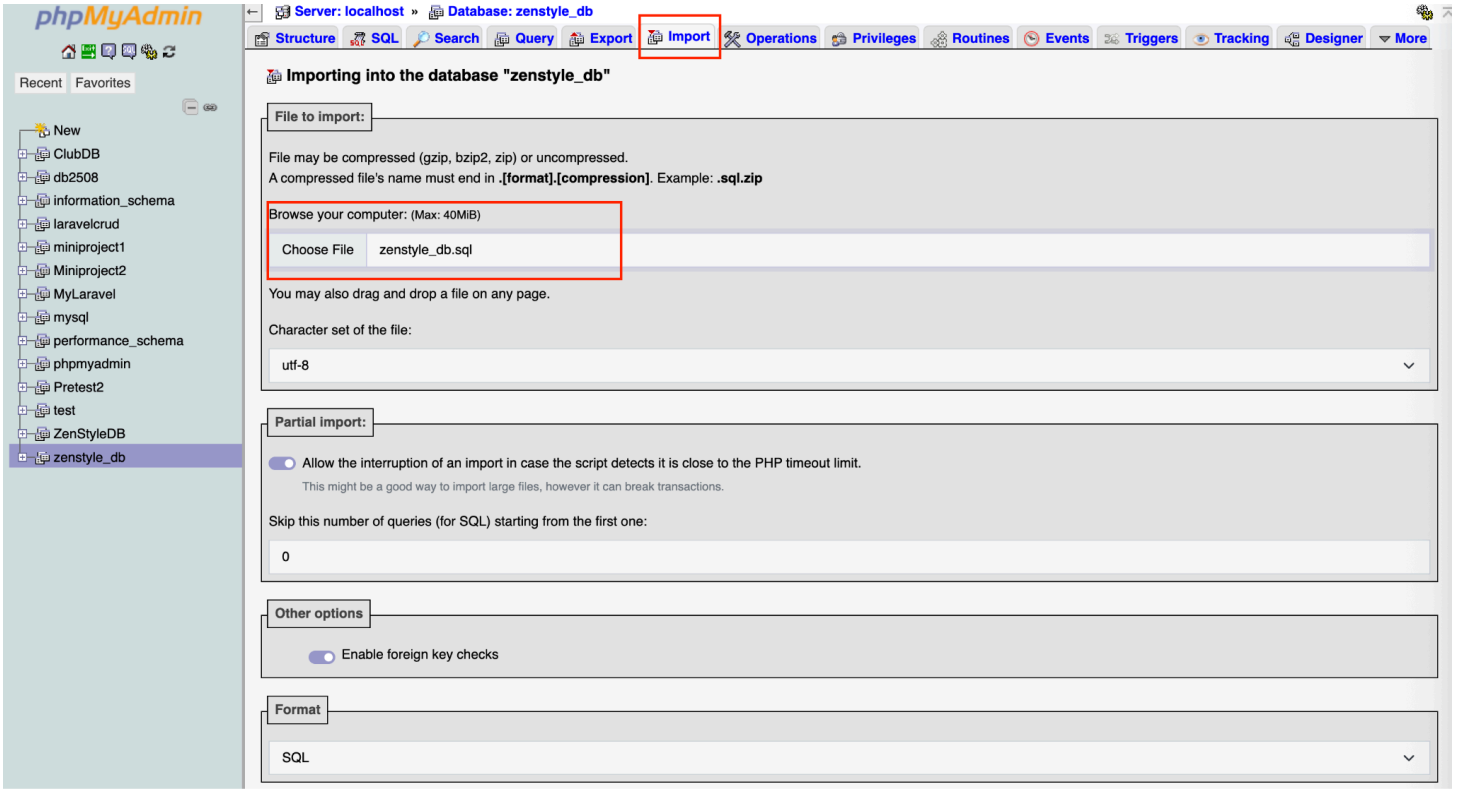
3.3 Initialize database tables:
php artisan migrate



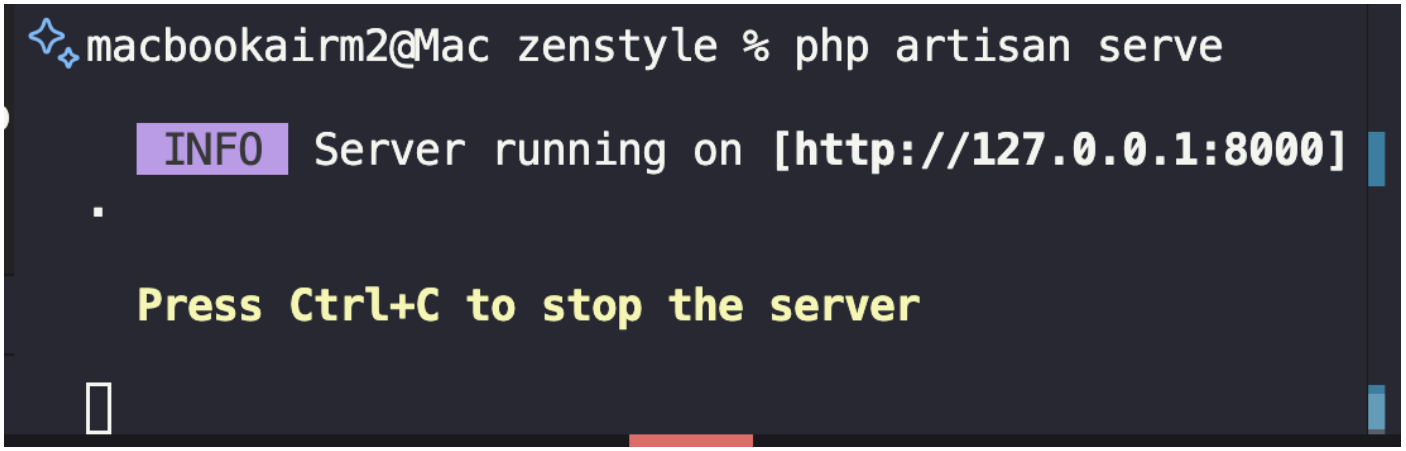
3.4 **Importing the Script File**

- Click on the **Import** tab on the navigation menu at the top of the page.
- In the **File to import** section, click the **Choose File** button and locate the zenstyle_db..sql file.
- Leave the default settings as they are (SQL format, UTF-8 encoding).

- Scroll to the bottom of the page and click the **Import** button to start the data loading process.

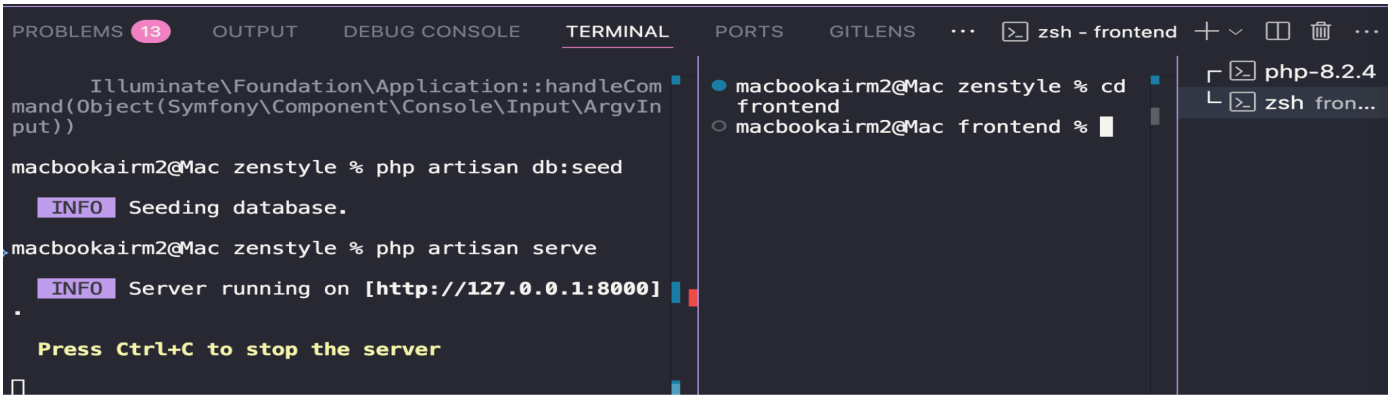


3.6 Run the server: php artisan serve



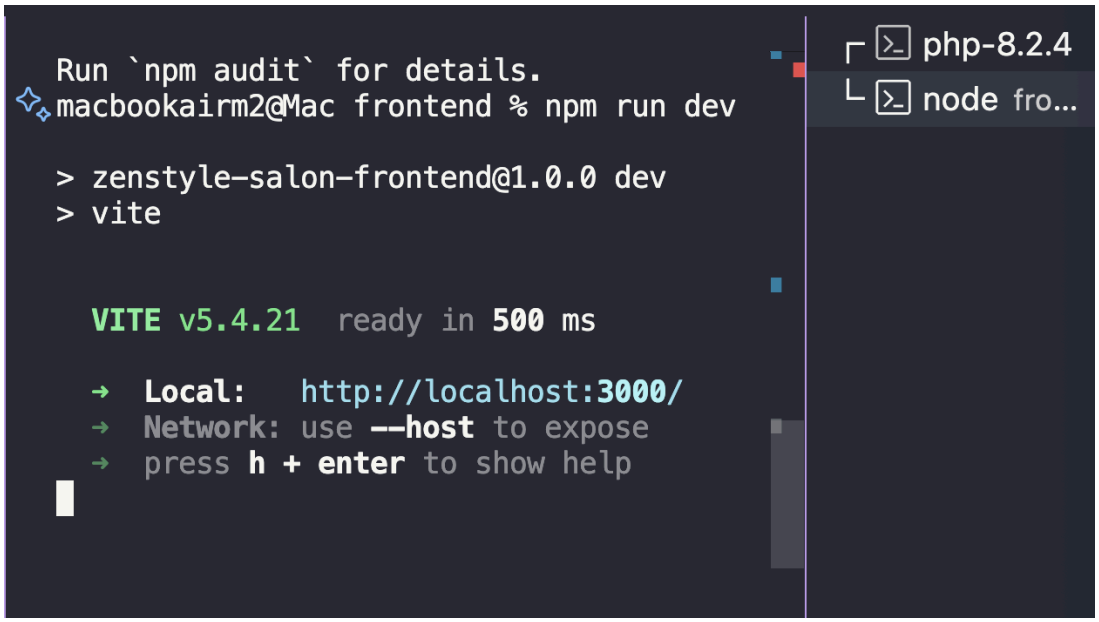
4. Frontend

4.1 Spit Terminal: cd frontend



4.2 npm install

4.3 Run “npm run dev” in the React terminal. You can access the website at http://localhost:3000



5. To populate your database with test accounts and system data, you can choose one of the following two methods:

• Option 1: **Using Laravel Seeders**

This is the standard approach for Laravel applications. Open your terminal in the laravel_backend directory and run: php php artisan db:seed

• Option 2: **Importing the Script File**

- Click on the **Import** tab on the navigation menu at the top of the page.
- In the **File to import** section, click the **Choose File** button and locate the zenstyle_db..sql file.
- Leave the default settings as they are (SQL format, UTF-8 encoding).
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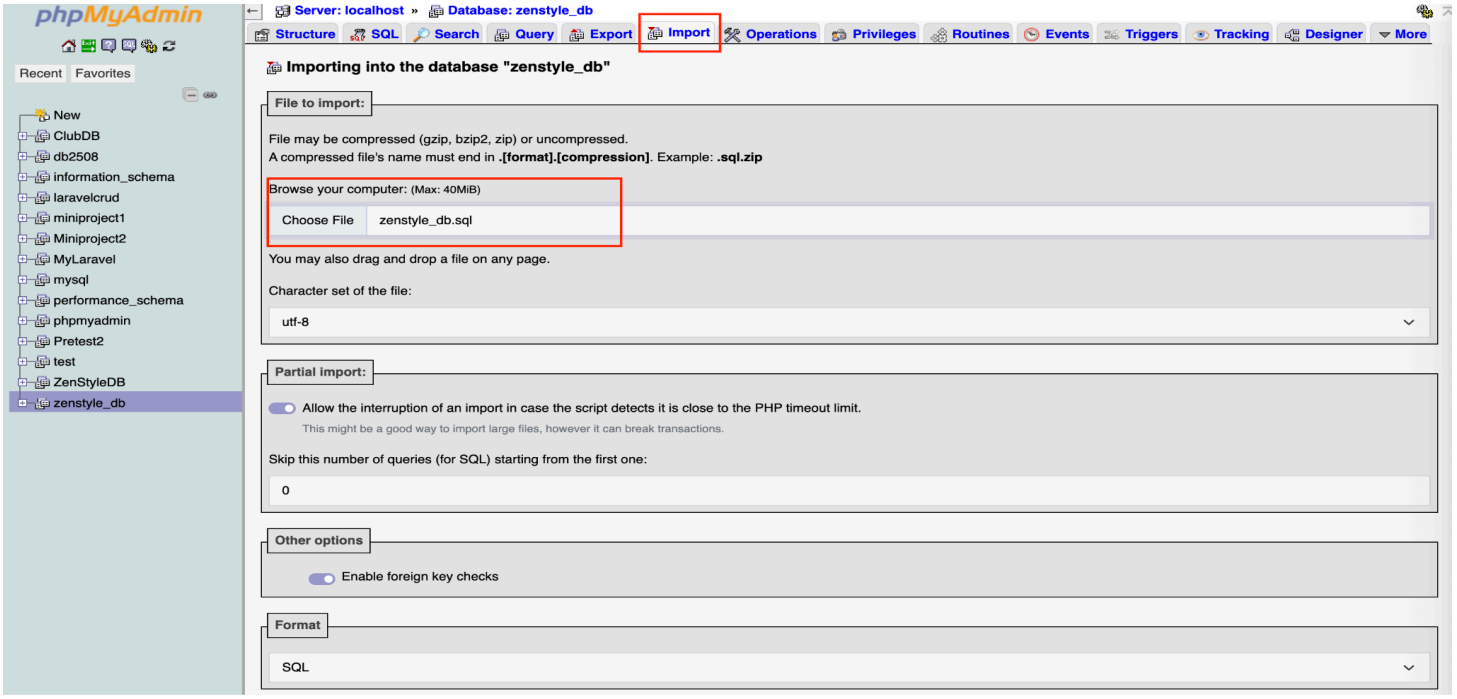

You can access the website by Refresh url: http://localhost:3000