

Overview

This project was developed using Laravel. It's an intermediate API, as part of Travell Web Application. [Click here](#) to find the complementary part (UI).

Requirements

- php 7.4
- composer
- DBMS

Project setup

1. Clone the repository

```
git clone https://github.com/50enta/vm-api.git -b main
```

2. Create a database on your preferred DMBS

3. Inside the project folder, make a copy of `.env.example` file and modify following lines:

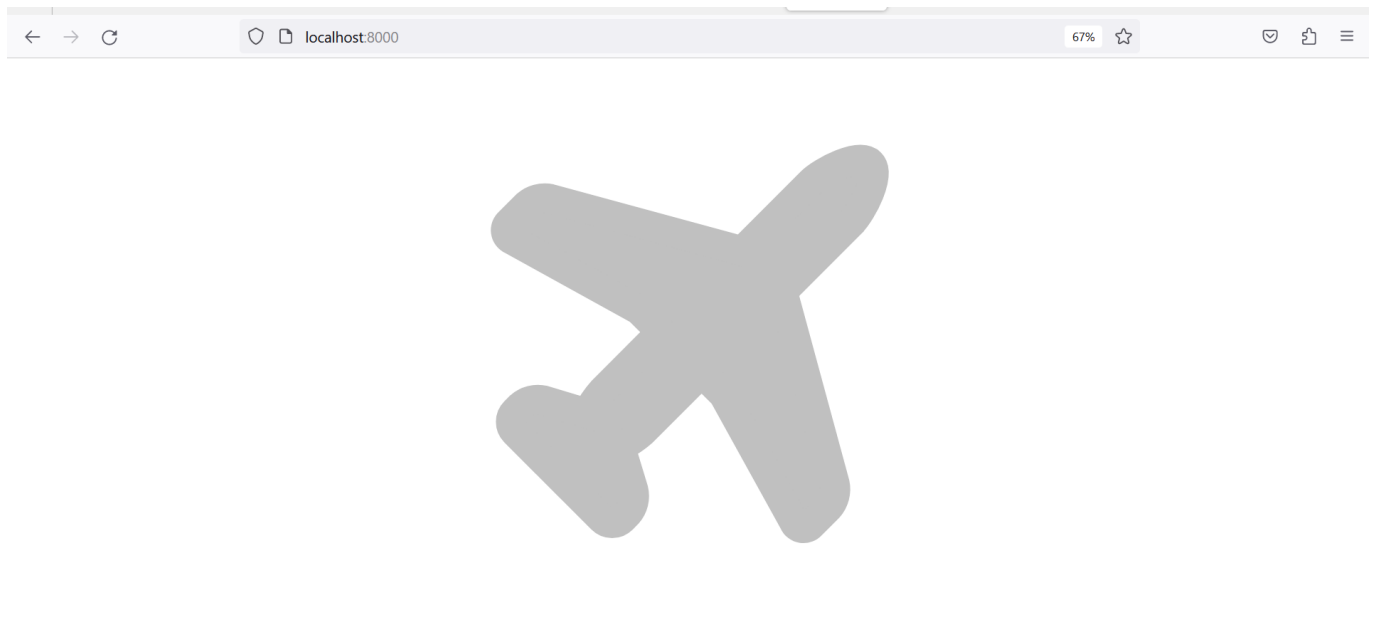
```
DB_CONNECTION=  
DB_HOST=  
DB_PORT=  
DB_DATABASE=  
DB_USERNAME=  
DB_PASSWORD=  
...  
WEATHER_API_KEY=  
CURRENCY_API_KEY=
```

save the file and execute following commands:

4. composer setup

```
composer install  
php artisan key:generate  
php artisan migrate  
php artisan passport:install
```

Now your project is able to run on `http://localhost:8000` before running `php artisan serve` for development purpose.



5. Using following Endpoint and PayLoad, POST your first user (No authentication needed): Endpoint

```
http://localhost:8000/api/users
```

PayLoad

```
{
  "name": "Valter",
  "surname": "Sitoe",
  "email": "vsitoe@email.com",
  "password": "xxxxxxx"
}
```

Notes

As we are dealing with public data APIs, I've left my api keys on .env.example file. I know isn't a best practice.

Used API's

- <https://api.freecurrencyapi.com/>, <https://restcountries.com/v3.1/>
- <https://home.openweathermap.org/>
- <http://api.worldbank.org/v2/>

Endpoints availables

```
PS C:\xampp\htdocs\vm-api> php artisan route:list
```

```
+-----+-----+-----+-----+-----+
-----+-----+
```

Domain	Method	URI	Name	Action
Middleware				
	GET HEAD	/		Closure
web				
	GET HEAD	api/countries		
App\Http\Controllers\CountryController@getCountriesData			api	
	GET HEAD	api/countries/only		
App\Http\Controllers\CountryController@getCountries			api	
	GET HEAD	api/countries/{countryCode}/pop		
App\Http\Controllers\CountryController@getCountries			api	
	GET HEAD	api/rates		
App\Http\Controllers\RateController@getRates			api	
	GET HEAD	api/rates/convert/{amount}/{from}/{to}		
App\Http\Controllers\RateController@convert			api	
	POST	api/users		
App\Http\Controllers\UserController@store			api	
	GET HEAD	api/users		
App\Http\Controllers\UserController@index			api	
	GET HEAD	api/users/{id}		
App\Http\Controllers\UserController@show			api	
	PUT	api/users/{id}		
App\Http\Controllers\UserController@update			api	
	DELETE	api/users/{id}		
App\Http\Controllers\UserController@destroy			api	
	GET HEAD	api/weathers/test}		
App\Http\Controllers\WeatherController@test			api	
	GET HEAD	api/weathers/{city}		
App\Http\Controllers\WeatherController@getWeather			api	

PS C:\xampp\htdocs\vm-api>

Find the UI repository clicking on [this link](#)