

1. Install Laravel 8.
2. Create a new project and check project structure

composer create-project laravel/laravel GMS --prefer-dist

```
C:\xampp\htdocs\Laravel-DDU>composer create-project laravel/laravel GMS --prefer-dist
Creating a "laravel/laravel" project at "./GMS"
Installing laravel/laravel (v8.5.9)
- Installing laravel/laravel (v8.5.9): Extracting archive
Created project in C:\xampp\htdocs\Laravel-DDU\GMS
> @php -r "file_exists('.env') || copy('.env.example', '.env');"
Loading composer repositories with package information
```

Laravel-DDU

neShareView

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>

This PC

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Local Disk (C:)

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xampp

>

htdocs

>

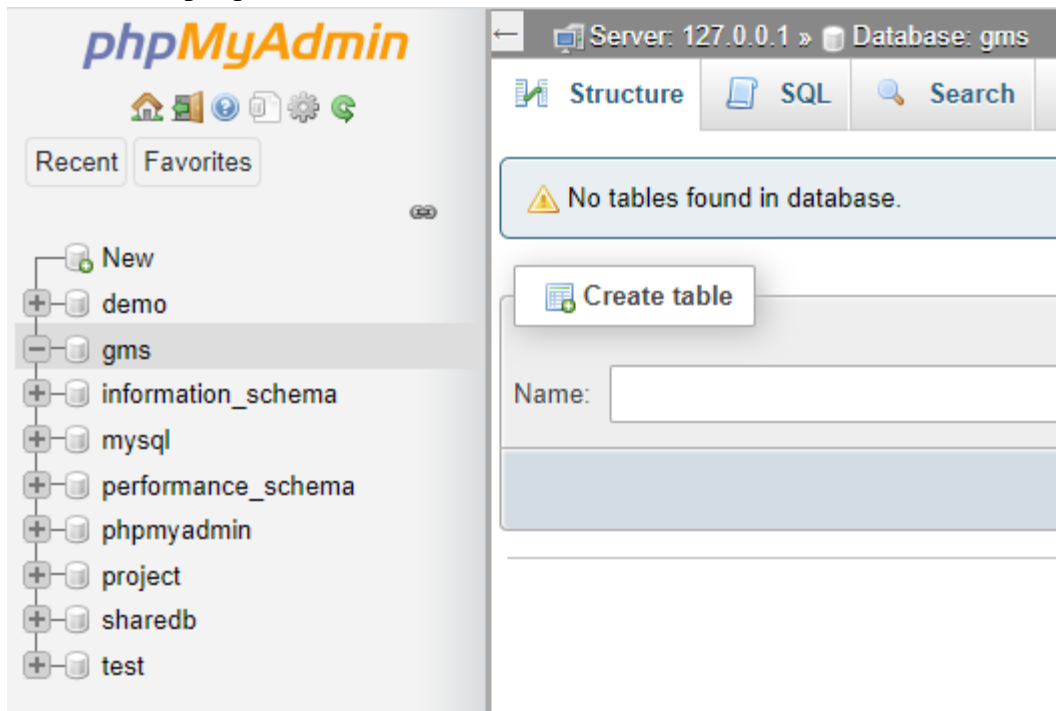
Laravel-DDU

| | Name | Date modified | Type |
|---------|-----------------|--------------------|-------------|
| Process | <div></div> GMS | 15-Feb-21 11:08 AM | File folder |

This PC > Local Disk (C:) > xampp > htdocs > Laravel-DDU > GMS

| Name | Date modified | Type | Size |
|---------------------------|--------------------|-------------------|--------|
| <div></div> app | 15-Feb-21 11:08 AM | File folder | |
| <div></div> bootstrap | 15-Feb-21 11:08 AM | File folder | |
| <div></div> config | 15-Feb-21 11:08 AM | File folder | |
| <div></div> database | 15-Feb-21 11:08 AM | File folder | |
| <div></div> public | 15-Feb-21 11:08 AM | File folder | |
| <div></div> resources | 15-Feb-21 11:08 AM | File folder | |
| <div></div> routes | 15-Feb-21 11:08 AM | File folder | |
| <div></div> storage | 15-Feb-21 11:08 AM | File folder | |
| <div></div> tests | 15-Feb-21 11:08 AM | File folder | |
| <div></div> vendor | 15-Feb-21 11:10 AM | File folder | |
| <div></div> .editorconfig | 15-Feb-21 11:08 AM | EDITORCONFIG File | 1 KB |
| <div></div> .env | 15-Feb-21 11:10 AM | ENV File | 1 KB |
| <div></div> .env.example | 15-Feb-21 11:08 AM | EXAMPLE File | 1 KB |
| <div></div> | 15-Feb-21 11:08 AM | Text Document | 1 KB |
| <div></div> | 15-Feb-21 11:08 AM | Text Document | 1 KB |
| <div></div> .styleci.yml | 15-Feb-21 11:08 AM | YML File | 1 KB |
| <div></div> artisan | 15-Feb-21 11:08 AM | File | 2 KB |
| <div></div> composer | 15-Feb-21 11:08 AM | JSON File | 2 KB |
| <div></div> composer.lock | 15-Feb-21 11:08 AM | LOCK File | 263 KB |
| <div></div> package | 15-Feb-21 11:08 AM | JSON File | 1 KB |
| <div></div> phpunit | 15-Feb-21 11:08 AM | XML Document | 2 KB |
| <div></div> README.md | 15-Feb-21 11:08 AM | MD File | 4 KB |
| <div></div> server.php | 15-Feb-21 11:08 AM | PHP File | 1 KB |
| <div></div> webpack.mix | 15-Feb-21 11:08 AM | JavaScript File | 1 KB |

3. Database Setup: open .env file



Change the DB_DATABASE to the name of your database and if you have set a Username and password for your phpmyadmin, specify it, otherwise, leave the username as root and password blank.

```
10 DB_CONNECTION=mysql
11 DB_HOST=127.0.0.1
12 DB_PORT=3306
13 DB_DATABASE=gms
14 DB_USERNAME=root
15 DB_PASSWORD=
```

4. Before we migrate, let's catch one bug before it throws an error, go to App/Providers/AppServiceProvider.php

```

der.php [3]

ce App\Providers;
lluminate\Support\ServiceProvider;
ppServiceProvider extends ServiceProvider

Register any application services.

@return void

lic function register()

    //

Bootstrap any application services.

@return void

lic function boot()

```

```

AppServiceProvider.php [3]
<?php
namespace App\Providers;
use Illuminate\Support\ServiceProvider;
use Illuminate\Support\Facades\Schema;
class AppServiceProvider extends ServiceProvider
{
    /**
     * Register any application services.
     *
     * @return void
     */
    public function register()
    {
        //
    }

    /**
     * Bootstrap any application services.
     *
     * @return void
     */
    public function boot()
    {
        Schema::defaultStringLength(191);
    }
}

```

5. Migration

php artisan migrate

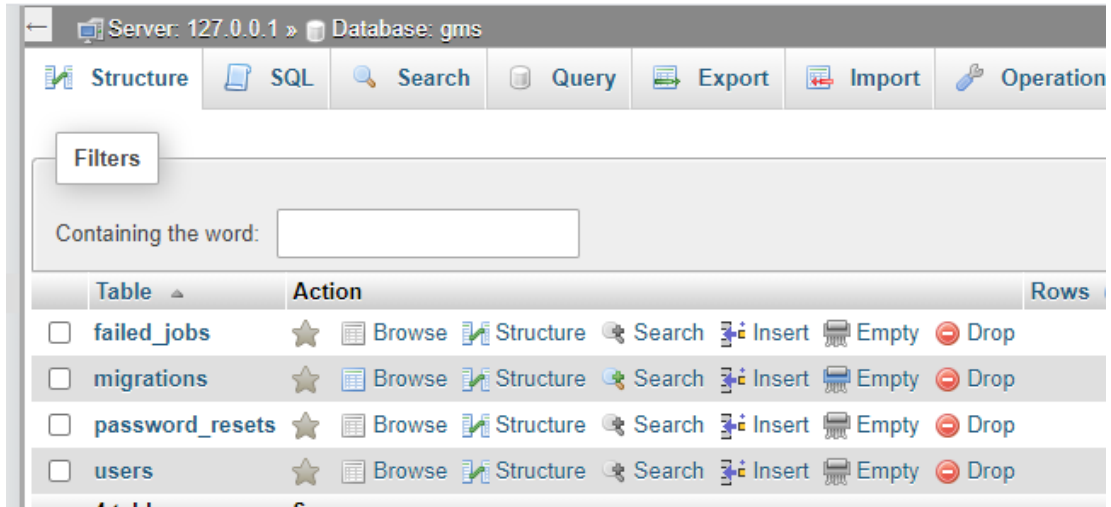
```

C:\xampp\htdocs\Laravel-DDU>cd GMS

C:\xampp\htdocs\Laravel-DDU\GMS>php artisan migrate
Migration table created successfully.
Migrating: 2014_10_12_000000_create_users_table
Migrated: 2014_10_12_000000_create_users_table (650.04ms)
Migrating: 2014_10_12_100000_create_password_resets_table
Migrated: 2014_10_12_100000_create_password_resets_table (349.44ms)
Migrating: 2019_08_19_000000_create_failed_jobs_table
Migrated: 2019_08_19_000000_create_failed_jobs_table (499.53ms)

C:\xampp\htdocs\Laravel-DDU\GMS>

```



6. Install Jetstream (Laravel Jetstream is a beautifully designed application scaffolding for Laravel.)

(Note: Laravel advises that Jetstream and its stacks (livewire or inertia) should be done on a fresh application because it will install a layout view, registration, and login views, as well as routes for all authentication end-points. A dashboard route will also be generated for post-login requests. So an application that has some of those, might throw some conflicts.)

composer require laravel/jetstream

```
C:\xampp\htdocs\Laravel-DDU\GMS>composer require laravel/jetstream
Using version ^2.1 for laravel/jetstream
./composer.json has been updated
Running composer update laravel/jetstream
Loading composer repositories with package information
Updating dependencies
Lock file operations: 9 installs, 0 updates, 0 removals
- Locking bacon/bacon-qr-code (2.0.3)
- Locking dasprid/enum (1.0.3)
- Locking jaybizzle/crawler-detect (v1.2.104)
- Locking jenssegers/agent (v2.6.4)
- Locking laravel/fortify (v1.7.5)
```

7. Install livewire

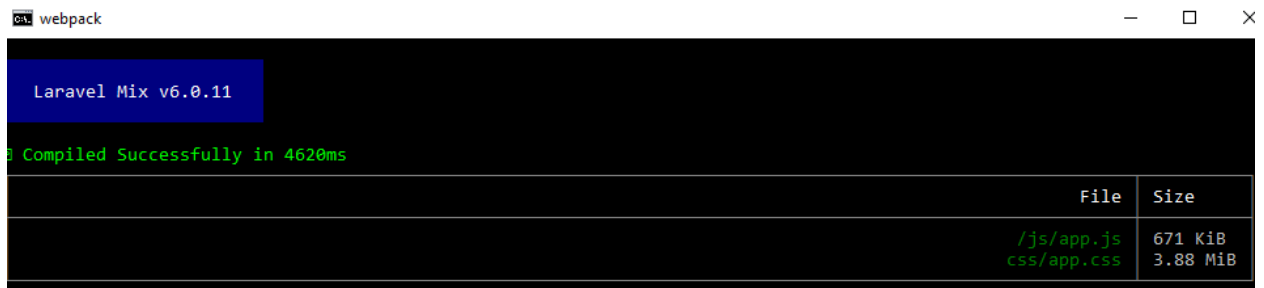
php artisan jetstream:install livewire

```
C:\xampp\htdocs\Laravel-DDU\GMS>php artisan jetstream:install livewire
Migration created successfully!
```

```
Livewire scaffolding installed successfully.
Please execute "npm install && npm run dev" to build your assets.
```

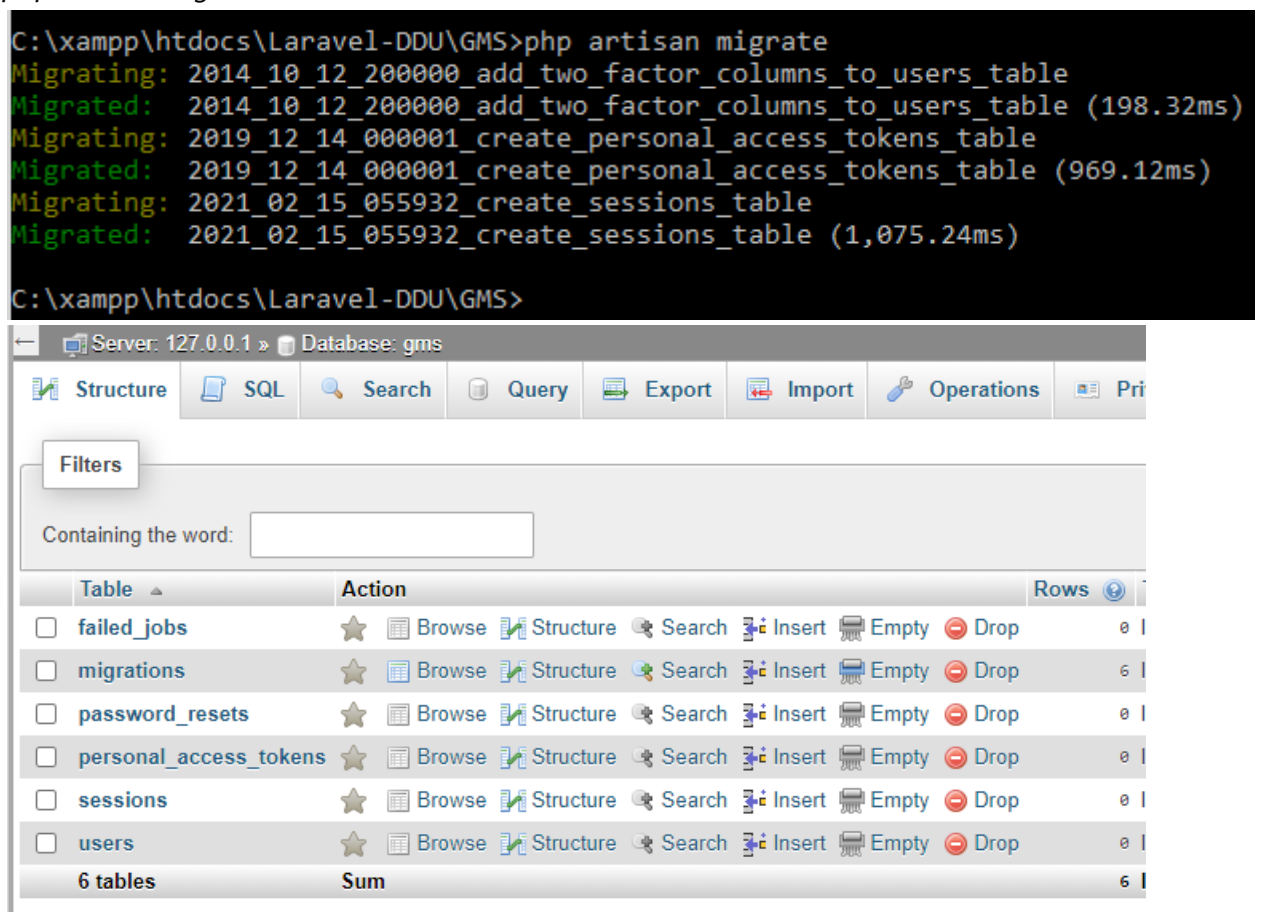
```
C:\xampp\htdocs\Laravel-DDU\GMS>npm install && npm run dev
```

[As suggested, run `npm install` & `npm run dev` to build all the JavaScript files and CSS we need for our app. On successful build, Laravel will send a notification at the bottom left.]



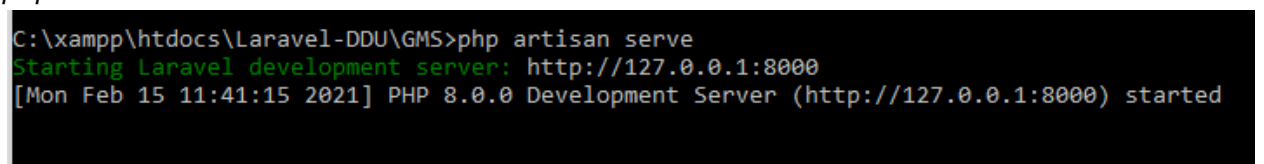
8. Migrate the new table that is created

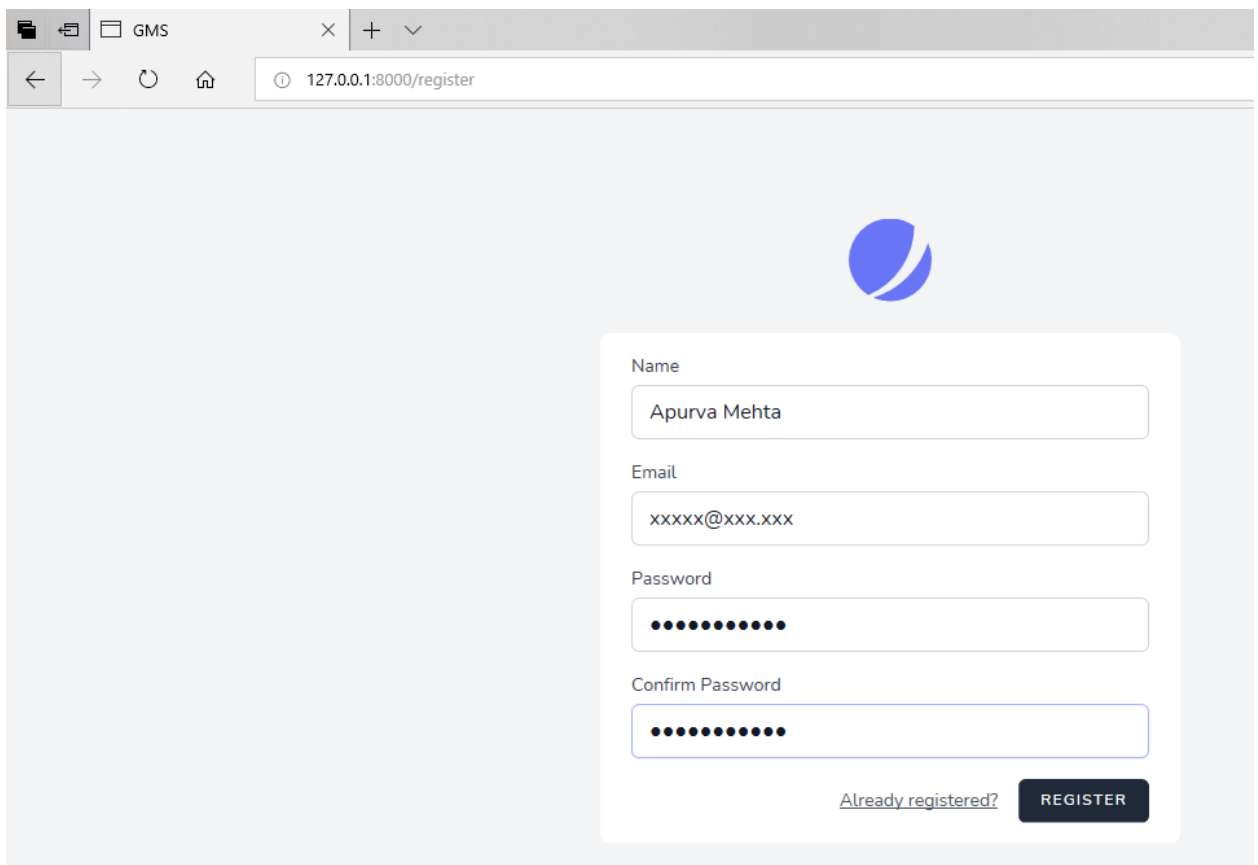
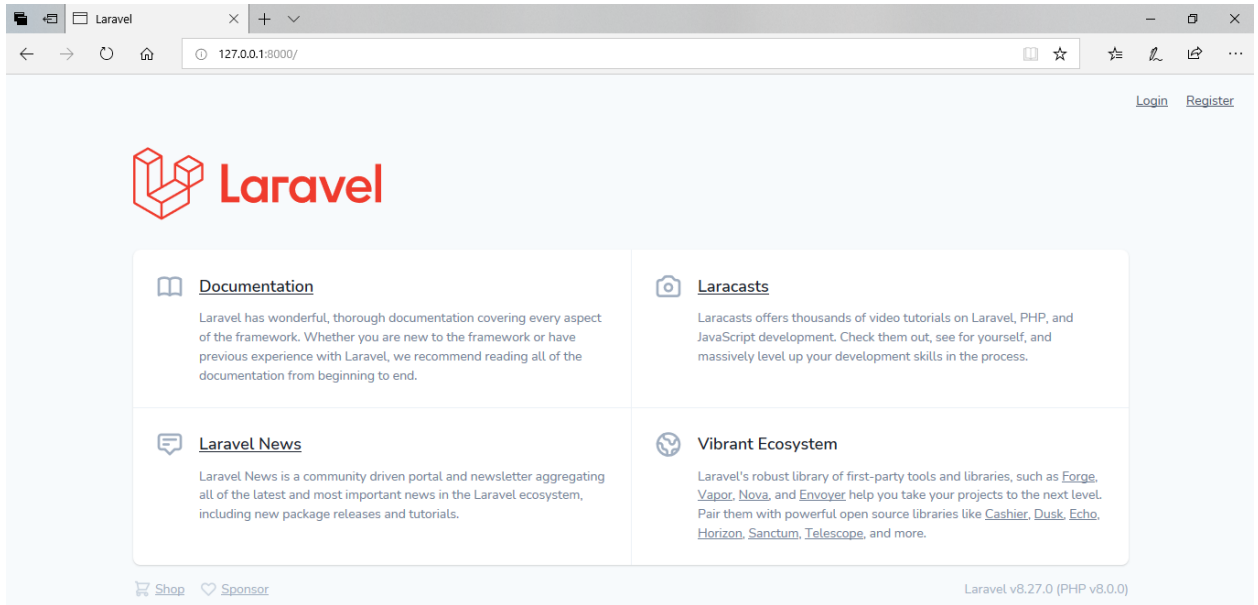
php artisan migrate

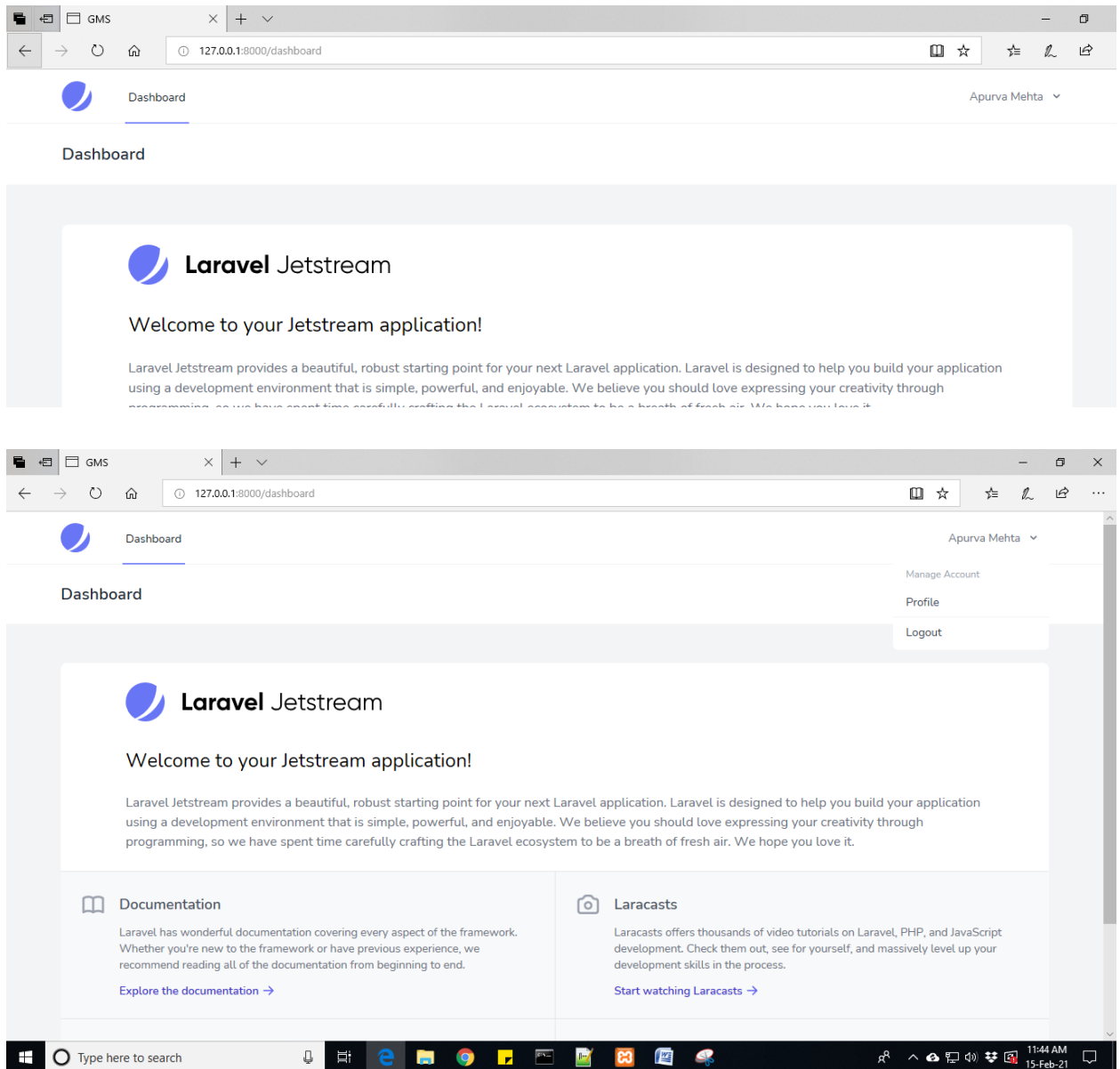


9. Let's run our app

php artisan serve








10. Forget password using email address.

```
29 MAIL_MAILER=smtp
30 MAIL_HOST=smtp.gmail.com
31 MAIL_PORT=465
32 MAIL_USERNAME=emailaddress
33 MAIL_PASSWORD=password
34 MAIL_ENCRYPTION=ssl
35 MAIL_FROM_ADDRESS=emailaddress
36 MAIL_FROM_NAME="{APP_NAME}"
37
```

GMS

127.0.0.1:8000/forgot-password




Forgot your password? No problem. Just let us know your email address and we will email you a password reset link that will allow you to choose a new one.

Email

EMAIL PASSWORD RESET LINK

Reset Password Notification Inbox x

 **GMS** to me 11:52 AM (0 minutes ago) ☆ ↶

GMS

Hello!

You are receiving this email because we received a password reset request for your account.

[Reset Password](#)

This password reset link will expire in 60 minutes.

If you did not request a password reset, no further action is required.

Regards,
GMS

Reference:

<https://laravel.com/>

<https://laravel-livewire.com/>

<https://jetstream.laravel.com/2.x/stacks/livewire.html>

<https://dev.to/kingsconsult/laravel-8-auth-registration-and-login-32jl>