

Short cut

How to create a blade files with commands

- `php artisan make:view mydashboard`

LARAVEL INSTALLATION

- `composer create-project laravel/laravel example-app`
- `laravel new akinkaylaravel`
- `composer require laravel/ui`
- `php artisan ui bootstrap --auth`
- `npm install`
- `npm run dev`
- `php artisan migrate`
- `npm run build`

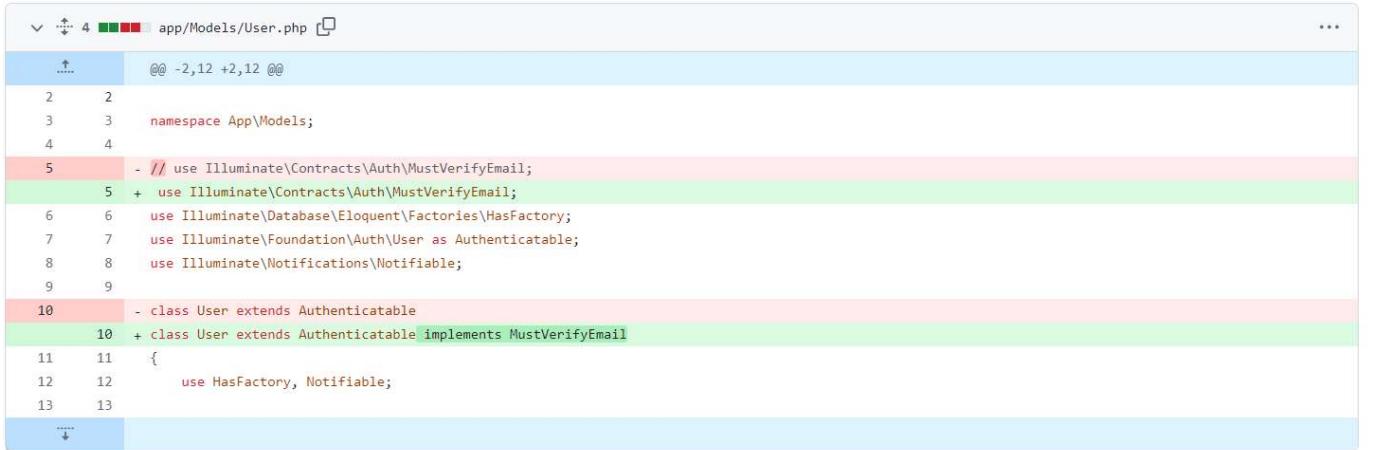
EMAIL VERIFICATION

- **app/Http/Controllers/HomeController.php**
 - **app/Models/User.php**
 - **bootstrap/app.php**
 - **resources/views/auth/verify.blade.php**
 - **routes/web.php**
-
- **app/Http/Controllers/HomeController.php**



```
@@ -13,7 +13,7 @@ class HomeController extends Controller
 13   13     */
 14   14     public function __construct()
 15   15     {
 16 -       $this->middleware('auth');
 16 +       $this->middleware(['auth', 'verified']);
 17   17     }
 18   18
 19   19     /**
 20   20     */
 21   21     public function index()
 22   22     {
 23   23       return view('auth.verify');
 24   24     }
 25   25   }
```

- **app/Models/User.php**



```
@@ -2,12 +2,12 @@
 2   2
 3   3   namespace App\Models;
 4   4
 5 -  // use Illuminate\Contracts\Auth\MustVerifyEmail;
 5 +  use Illuminate\Contracts\Auth\MustVerifyEmail;
 6   use Illuminate\Database\Eloquent\Factories\HasFactory;
 7   use Illuminate\Foundation\Auth\User as Authenticatable;
 8   use Illuminate\Notifications\Notifiable;
 9
10 - class User extends Authenticatable
10 + class User extends Authenticatable implements MustVerifyEmail
11   11   {
12   12     use HasFactory, Notifiable;
13   13   }
```

- **bootstrap/app.php**

This is where to register the Email Verified and Authenticate Middleware.

```

v ⏷ 5 ████ bootstrap/app.php □
↑ @@ -3,6 +3,8 @@
3   3     use Illuminate\Foundation\Application;
4   4     use Illuminate\Foundation\Configuration\Exceptions;
5   5     use Illuminate\Foundation\Configuration\Middleware;
6   6 + use Illuminate\Auth\Middleware\EnsureEmailIsVerified;
7   7 + use Illuminate\Auth\Middleware\Authenticate;
8   8
9   9     return Application::configure(basePath: dirname(__DIR__))
10 10         ->withRouting(
↑ @@ -11,7 +13,10 @@
11 13             health: '/up',
12 14         )
13 15         ->withMiddleware(function (Middleware $middleware) {
16 16 +
17 17             //+
18 18 +
19 19 +
20 20         })
21 21         ->withExceptions(function (Exceptions $exceptions) {
22 22             //+
..... ↓

```

- **resources/views/auth/verify.blade.php**

```

v ⏷ 2 ████ resources/views/auth/verify.blade.php □
↑ @@ -16,7 +16,7 @@
16 16
17 17             {{ __('Before proceeding, please check your email for a verification link.') }}
18 18             {{ __('If you did not receive the email') }},
19 19 -             <form class="d-inline" method="POST" action="{{ route('verification.resend') }}">
19 19 +             <form class="d-inline" method="POST" action="{{ route('verification.send') }}">
20 20                 @csrf
21 21                 <button type="submit" class="btn btn-link p-0 m-0 align-baseline">{{ __('click here to request another') }}</button>
22 22             </form>
..... ↓

```

- routes/web.php

```
✓ 25 ████ routes/web.php □
...
@@ -1,11 +1,34 @@
1   1    <?php
2   2
3   3    use Illuminate\Support\Facades\Route;
4 + use Illuminate\Foundation\Auth\EmailVerificationRequest;
5 + use Illuminate\Http\Request;
6
7   7    Route::get('/', function () {
8     return view('welcome');
9   });
10
11  11    Auth::routes();
12
13 - Route::get('/home', [App\Http\Controllers\HomeController::class, 'index'])->name('home');
14 + // Route for showing the email verification notice
15 + Route::get('/email/verify', function () {
16 +   return view('auth.verify'); // Updated to point to your custom view
17 + })->middleware('auth')->name('verification.notice');
18 +
19 + // Route for handling the email verification link
20 + Route::get('/email/verify/{id}/{hash}', function (EmailVerificationRequest $request) {
21 +   $request->fulfill();
22 +   return redirect('/home'); // Redirect to a page after successful verification
23 + })->middleware(['auth', 'signed'])->name('verification.verify');
24 +
25 + // Route for resending the verification email
26 + Route::post('/email/verification-notification', function (Request $request) {
27 +   $request->user()->sendEmailVerificationNotification();
28 +
29 +   return back()->with('message', 'Verification link sent!');
30 +
31 + // Protected route example
32 + Route::get('/home', function () {
33 +   return view('home');
34 + })->middleware(['auth', 'verified'])->name('home');
```

Addition of Image to Laravel Auth

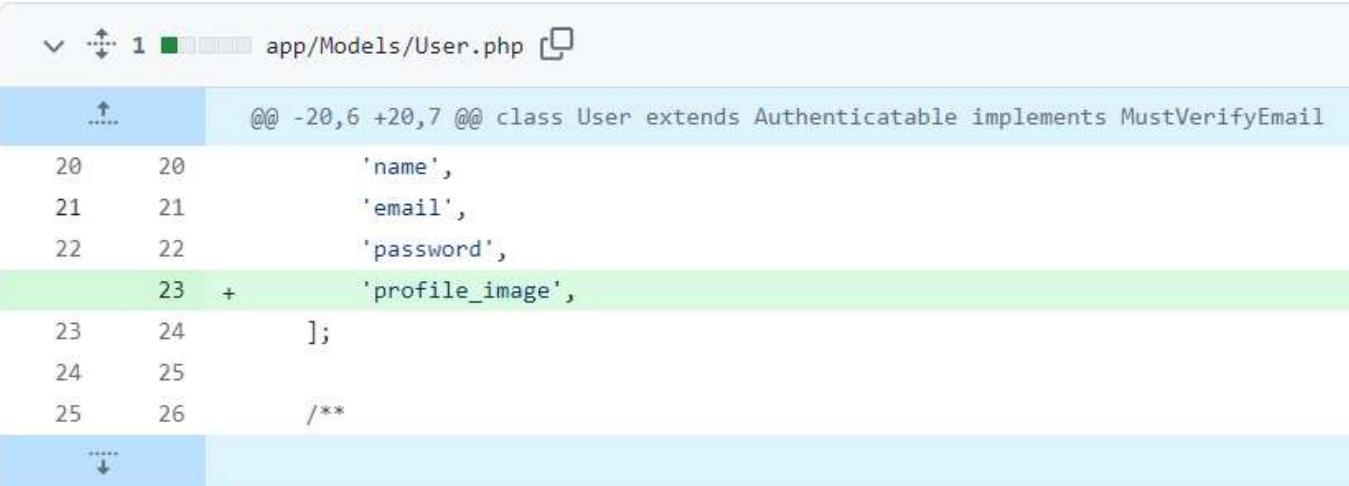
- app/Http/Controllers/Auth/RegisterController.php
- app/Models/User.php
- database/migrations/0001_01_01_000000_create_users_table.php
- resources/views/auth/register.blade.php
- resources/views/home.blade.php

- **app/Http/Controllers/Auth/RegisterController.php**

```
  ↻ ⌂ 32 ━━━━━━ app/Http/Controllers/Auth/RegisterController.php □ ...
↑ @@ -7,6 +7,7 @@
7    7      use Illuminate\Foundation\Auth\RegistersUsers;
8    8      use Illuminate\Support\Facades\Hash;
9    9      use Illuminate\Support\Facades\Validator;
10   10     + use Illuminate\Http\Request; // Import the Request class
11   11
12   12     class RegisterController extends Controller
13   13     {
↓ ↑ @@ -52,9 +53,38 @@ protected function validator(array $data)
52   53         'name' => ['required', 'string', 'max:255'],
53   54         'email' => ['required', 'string', 'email', 'max:255', 'unique:users'],
54   55         'password' => ['required', 'string', 'min:8', 'confirmed'],
56   +         'image' => ['nullable', 'image', 'max:2048'], // Validate the image
55   57     ]);
58   +
59   +     // Handle the file upload
60   +
61   + }
62   +
63   +     public function register(Request $request)
64   +     {
65   +         $this->validator($request->all())->validate();
66   +
67   +         $path = null;
68   +         if ($request->hasFile('image')) {
69   +             $path = $request->file('image')->store('profile_images', 'public');
70   +         }
71   +
72   +         $user = $this->create(array_merge(
73   +             $request->all(),
74   +             ['profile_image' => $path]
75   +         ));
76   +
77   +         $this->guard()->login($user);
78   +
79   +         return $this->registered($request, $user)
80   +             ?: redirect($this->redirectPath());
56   81     }
57   82 }
```

```
63    93      */
64    94      protected function create(array $data)
65    95      {
66    96      +
67    97          return User::create([
68    98              'name' => $data['name'],
69    99              'email' => $data['email'],
70   100              'password' => Hash::make($data['password']),
71   101      +
72   102                  'profile_image' => $data['profile_image'], // Save the image path
73   103          ]);
74   104      }
```

- [app/Models/User.php](#)



```
1  @@ -20,6 +20,7 @@ class User extends Authenticatable implements MustVerifyEmail
20  20      'name',
21  21      'email',
22  22      'password',
23  23      +
24  24          'profile_image',
25  25      ];
26  26      /**
...  27      */
```

- [database/migrations/0001_01_01_000000_create_users_table.php](#)

```

v 2 database/migrations/0001_01_01_000000_create_users_table.php □

..... @@ -17,6 +17,7 @@ public function up(): void
17   17           $table->string('email')->unique();
18   18           $table->timestamp('email_verified_at')->nullable();
19   19           $table->string('password');
20 + 20 +           $table->string('profile_image');
21   21           $table->rememberToken();
22   22           $table->timestamps();
23   23       });

..... @@ -45,5 +46,6 @@ public function down(): void
45   46           Schema::dropIfExists('users');
46   47           Schema::dropIfExists('password_reset_tokens');
47   48           Schema::dropIfExists('sessions');
49 + 49 +           Schema::dropIfExists('profile_image');

48   50       }
49   51   };

```

- [resources/views/auth/register.blade.php](#)

```

v 20 resources/views/auth/register.blade.php □ ...
..... @@ -8,7 +8,7 @@
8   8           <div class="card-header">{{ __('Register') }}</div>
9   9
10  10          <div class="card-body">
11 - 11 -             <form method="POST" action="{{ route('register') }}>
12 + 11 +             <form method="POST" action="{{ route('register') }}" enctype="multipart/form-data">
13   12             @csrf
14   14             <div class="row mb-3">

..... @@ -61,6 +61,24 @@
61   61           </div>
62   62           </div>
63   63
64 + <!-- Image Upload field -->
65 + <div class="form-group row">
66 +             <label for="image" class="col-md-4 col-form-label text-md-right">{{ __('Profile Image') }}</label>
67 +
68 +             <div class="col-md-6">
69 +                 <input id="image" type="file" class="form-control @error('image') is-invalid @enderror" name="image">
70 +
71 +                 @error('image')
72 +                     <span class="invalid-feedback" role="alert">
73 +                         <strong>{{ $message }}</strong>
74 +                     </span>
75 +                 @enderror
76 +             </div>
77 +         </div>
78 +
79 +
80 +
81 +

```

- resources/views/home.blade.php

```

  ↴ 10 resources/views/home.blade.php □ ...
  ↑ @@ -14,6 +14,16 @@
14   14           </div>
15   15         @endif
16   16
17   +       <div class="text-center">
18   +           @if (Auth::user()->profile_image)
19   +               
21   +           @else
22   +               
23   +           @endif
24   +       </div>
25   +
26   +
27           {{ __('You are logged in!') }}
28       </div>
29     </div>
  ↓

```

Displaying Auth Details on Home Page

- resources/views/home.blade.php

```

  ↴ 3 resources/views/home.blade.php □ ...
  ↑ @@ -13,7 +13,8 @@
13   13           {{ session('status') }}
14   14       </div>
15   15     @endif
16   -
16   +       Full Name: {{ Auth::user()->name; }}<br>
17   +       Email: {{ Auth::user()->email; }}
17   18
18   19           <div class="text-center">
19   20               @if (Auth::user()->profile_image)
  ↓

```

update profile

- app/Http/Controllers/ProfileController.php
- resources/views/profile/edit.blade.php
- routes/web.php
- **app/Http/Controllers/ProfileController.php**

```
✓ 56 └── app/Http/Controllers/ProfileController.php □
... ... @@ -0,0 +1,56 @@
1 + <?php
2 +
3 + namespace App\Http\Controllers;
4 +
5 + use Illuminate\Http\Request;
6 + use Illuminate\Support\Facades\Auth;
7 + use Illuminate\Support\Facades\Hash;
8 + use Illuminate\Support\Facades\Validator;
9 +
10 + class ProfileController extends Controller
11 + {
12 +     /**
13 +      * Show the form for editing the profile.
14 +      *
15 +      * @return \Illuminate\Http\Response
16 +      */
17 +     public function edit()
18 +     {
19 +         $user = Auth::user();
20 +         return view('profile.edit', compact('user'));
21 +     }
22 +
23 +     /**
24 +      * Update the user profile.
25 +      *
26 +      * @param \Illuminate\Http\Request $request
27 +      * @return \Illuminate\Http\Response
28 +      */
29 +     public function update(Request $request)
30 +     {
31 +         $user = Auth::user();
32 +
33 +         $data = $request->validate([
34 +             'name' => ['required', 'string', 'max:255'],
35 +             'email' => ['required', 'string', 'email', 'max:255', 'unique:users,email,' . $user->id],
36 +             'password' => ['nullable', 'string', 'min:8', 'confirmed'],
37 +             'image' => ['nullable', 'image', 'max:2048'],
38 +         ]);
39 +
40 +         if ($request->hasFile('image')) {
41 +             $path = $request->file('image')->store('profile_images', 'public');
42 +             $data['profile_image'] = $path;
43 +         }
44 +
45 +         if (!empty($data['password'])) {
46 +             $data['password'] = Hash::make($data['password']);
47 +         } else {
48 +             unset($data['password']);
49 +         }
50 +
51 +         $user->update($data);
52 +
53 +         return redirect()->route('profile.edit')->with('status', 'Profile updated successfully.');
54 +     }
}
```

- resources/views/profile/edit.blade.php

```
✓ 105 ████ resources/views/profile/edit.blade.php [ ] ...  
...  ... @@ -0,0 +1,105 @@  
1 + <!-- resources/views/profile/edit.blade.php -->  
2 +  
3 + @extends('layouts.app')  
4 +  
5 + @section('content')  
6 + <div class="container">  
7 +   <div class="row justify-content-center">  
8 +     <div class="col-md-8">  
9 +       <div class="card">  
10+         <div class="card-header">{{ __('Edit Profile') }}</div>  
11+  
12+         <div class="card-body">  
13+           @if (session('status'))  
14+             <div class="alert alert-success" role="alert">  
15+               {{ session('status') }}  
16+             </div>  
17+           @endif  
18+  
19+         <form method="POST" action="{{ route('profile.update') }}" enctype="multipart/form-data">  
20+           @csrf  
21+  
22+           <div class="form-group row">  
23+             <label for="name" class="col-md-4 col-form-label text-md-right">{{ __('Name') }}</label>  
24+  
25+             <div class="col-md-6">  
26+               <input id="name" type="text" class="form-control @error('name') is-invalid @enderror" name="name" value="{{ old('name',  
$user->name) }}" required autocomplete="name" autofocus>  
27+  
28+               @error('name')  
29+                 <span class="invalid-feedback" role="alert">  
30+                   <strong>{{ $message }}</strong>  
31+                 </span>  
32+               @enderror  
33+             </div>  
34+           </div>  
35+         </form>
```

```

36 +
      <div class="form-group row">
37 +         <label for="email" class="col-md-4 col-form-label text-md-right">{{ __('Email Address') }}</label>
38 +
39 +         <div class="col-md-6">
40 +             <input id="email" type="email" class="form-control @error('email') is-invalid @enderror" name="email" value="{{ old('email', $user->email) }}"
41 +
42 +             @error('email')
43 +                 <span class="invalid-feedback" role="alert">
44 +                     <strong>{{ $message }}</strong>
45 +                 </span>
46 +             @enderror
47 +         </div>
48 +
49 +
50 +         <div class="form-group row">
51 +             <label for="password" class="col-md-4 col-form-label text-md-right">{{ __('Password') }}</label>
52 +
53 +             <div class="col-md-6">
54 +                 <input id="password" type="password" class="form-control @error('password') is-invalid @enderror" name="password"
55 +                     autocomplete="new-password">
56 +
57 +                 @error('password')
58 +                     <span class="invalid-feedback" role="alert">
59 +                         <strong>{{ $message }}</strong>
60 +                     </span>
61 +                 @enderror
62 +
63 +
64 +             <div class="form-group row">
65 +                 <label for="password-confirm" class="col-md-4 col-form-label text-md-right">{{ __('Confirm Password') }}</label>
66 +
67 +                 <div class="col-md-6">
68 +                     <input id="password-confirm" type="password" class="form-control" name="password_confirmation" autocomplete="new-
69 +                     password">
70 +
71 +

```

```

72 +
      <div class="form-group row">
73 +         <label for="image" class="col-md-4 col-form-label text-md-right">{{ __('Profile Image') }}</label>
74 +
75 +         <div class="col-md-6">
76 +             <input id="image" type="file" class="form-control @error('image') is-invalid @enderror" name="image">
77 +
78 +             @error('image')
79 +                 <span class="invalid-feedback" role="alert">
80 +                     <strong>{{ $message }}</strong>
81 +                 </span>
82 +             @enderror
83 +
84 +             @if ($user->profile_image)
85 +                 <div class="mt-2">
86 +                     
88 +                 </div>
89 +             @endif
90 +
91 +
92 +             <div class="form-group row mb-0">
93 +                 <div class="col-md-6 offset-md-4">
94 +                     <button type="submit" class="btn btn-primary">
95 +                         {{ __('Update Profile') }}
96 +                     </button>
97 +                 </div>
98 +             </div>
99 +
</form>
100 +         </div>
101 +     </div>
102 +   </div>
103 + </div>
104 + </div>
105 + @endsection

```

routes/web.php

```
(routes/web.php)
@@ -31,4 +31,10 @@
 31     31     // Protected route example
 32     32     Route::get('/home', function () {
 33         33         return view('home');
 34     - })->middleware(['auth', 'verified'])->name('home');
 34     + })->middleware(['auth', 'verified'])->name('home');
 35     +
 36     +
 37     + Route::middleware(['auth'])->group(function () {
 38     +     Route::get('/profile/edit', [App\Http\Controllers\ProfileController::class, 'edit'])->name('profile.edit');
 39     +     Route::post('/profile/edit', [App\Http\Controllers\ProfileController::class, 'update'])->name('profile.update');
 40     + });

```

Laravel 11 Custom User Login and Registration Tutorial

- **Step 1:** Install Laravel 11
- **Step 2:** Create Routes
- **Step 3:** Create Controller
- **Step 4:** Create Blade Files
- **Run Laravel App**

Routes (routes/web.php)



The screenshot shows a GitHub commit interface. The file being viewed is `routes/web.php`. The commit message at the top says `@@ -9,3 +9,10 @@`. The code itself is as follows:

```
 9   9     Auth::routes();  
10  10  
11  11     Route::get('/home', [App\Http\Controllers\HomeController::class, 'index'])->name('home');  
12  +  
13  + Route::get('mylogin', [App\Http\Controllers\Auth\AuthController::class, 'index'])->name('mylogin');  
14  + Route::post('post-login', [App\Http\Controllers\Auth\AuthController::class, 'postLogin'])->name('login.post');  
15  + Route::get('registration', [App\Http\Controllers\Auth\AuthController::class, 'registration'])->name('register');  
16  + Route::post('post-registration', [App\Http\Controllers\Auth\AuthController::class, 'postRegistration'])->name('register.post');  
17  + Route::get('dashboard', [App\Http\Controllers\Auth\AuthController::class, 'dashboard']);  
18  + Route::get('logout', [App\Http\Controllers\Auth\AuthController::class, 'logout'])->name('logout');
```

Below the code, there is a link to a commit with 0 comments and hash `dcff561`.

Controller (app/Http/Controllers/Auth/AuthController.php)

```
 118 └── app/Http/Controllers/Auth/AuthController.php └┐
...   ... @@ -0,0 +1,118 @@
1 + <?php
2 +
3 + namespace App\Http\Controllers\Auth;
4 +
5 + use App\Http\Controllers\Controller;
6 + use Illuminate\Http\Request;
7 + use Illuminate\Support\Facades\Auth;
8 + use Session;
9 + use App\Models\User;
10 + use Hash;
11 + use Illuminate\View\View;
12 + use Illuminate\Http\RedirectResponse;
13 +
14 + class AuthController extends Controller
15 + {
16 +     /**
17 +      * Write code on Method
18 +      *
19 +      * @return response()
20 +     */
21 +     public function index(): View
22 +     {
23 +         return view('auth.mylogin');
24 +     }
25 +
26 +     /**
27 +      * Write code on Method
28 +      *
29 +      * @return response()
30 +     */
31 +     public function registration(): View
32 +     {
33 +         return view('auth.registration');
34 +     }
35 +
36 +     /**
37 +      * Write code on Method
38 +      *
39 +      * @return response()
40 +     */
41 +     public function postLogin(Request $request): RedirectResponse
42 +     {
43 +         $request->validate(f
```

```
40 +     '
41 +     public function postLogin(Request $request): RedirectResponse
42 +     {
43 +         $request->validate([
44 +             'email' => 'required',
45 +             'password' => 'required',
46 +         ]);
47 +
48 +         $credentials = $request->only('email', 'password');
49 +         if (Auth::attempt($credentials)) {
50 +             return redirect()->intended('dashboard')
51 +                 ->withSuccess('You have Successfully loggedin');
52 +         }
53 +
54 +         return redirect("login")->withErrors('Oppes! You have entered invalid credentials');
55 +     }
56 +
57 +     /**
58 +      * Write code on Method
59 +      *
60 +      * @return response()
61 +     */
62 +     public function postRegistration(Request $request): RedirectResponse
63 +     {
64 +         $request->validate([
65 +             'name' => 'required',
66 +             'email' => 'required|email|unique:users',
67 +             'password' => 'required|min:6',
68 +         ]);
69 +
70 +         $data = $request->all();
71 +         $user = $this->create($data);
72 +
73 +         Auth::login($user);
74 +
75 +         return redirect("dashboard")->withSuccess('Great! You have Successfully loggedin');
76 +     }
77 +
78 +     /**
79 +      * Write code on Method
80 +      *
81 +      * @return response()
82 +     */
```

```
83 +     public function dashboard()
84 +     {
85 +         if(Auth::check()){
86 +             return view('dashboard');
87 +         }
88 +
89 +         return redirect("login")->withSuccess('Opps! You do not have access');
90 +     }
91 +
92 +    /**
93 +     * Write code on Method
94 +     *
95 +     * @return response()
96 +     */
97 +    public function create(array $data)
98 +    {
99 +        return User::create([
100 +            'name' => $data['name'],
101 +            'email' => $data['email'],
102 +            'password' => Hash::make($data['password'])
103 +        ]);
104 +    }
105 +
106 +   /**
107 +    * Write code on Method
108 +    *
109 +    * @return response()
110 +    */
111 +    public function logout(): RedirectResponse
112 +    {
113 +        Session::flush();
114 +        Auth::logout();
115 +
116 +        return Redirect('mylogin');
117 +    }
118 +}
```



Blade Files

`resources/views/auth/mylogin.blade.php`

`resources/views/auth/registration.blade.php`

`resources/views/dashboard.blade.php`

`resources/views/auth/mylogin.blade.php`

```
1 + <!DOCTYPE html>
2 + <html>
3 + <head>
4 +   <meta charset="utf-8">
5 +   <meta name="viewport" content="width=device-width, initial-scale=1">
6 +   <title>Laravel 11 Custom User Login Page - itsolutionstuff.com</title>
7 +   <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet" crossorigin="anonymous">
8 +   <style type="text/css">
9 +     body{
10 +       background: #F8F9FA;
11 +     }
12 +   </style>
13 + </head>
14 + <body>
15 +
16 + <section class="bg-light py-3 py-md-5">
17 +   <div class="container">
18 +     <div class="row justify-content-center">
19 +       <div class="col-12 col-sm-10 col-md-8 col-lg-6 col-xl-5 col-xxl-4">
20 +         <div class="card border border-light-subtle rounded-3 shadow-sm mt-5">
21 +           <div class="card-body p-3 p-md-4 p-xl-5">
22 +             <div class="text-center mb-3">
23 +               <a href="#">
24 +                 
25 +               </a>
26 +             </div>
27 +             <h2 class="fs-6 fw-normal text-center text-secondary mb-4">Sign in to your account</h2>
28 +             <form method="POST" action="{{ route('login.post') }}>
29 +               @csrf
30 +
31 +               @session('error')
32 +                 <div class="alert alert-danger" role="alert">
33 +                   {{ $value }}
34 +                 </div>
35 +               @endsession
36 +
37 +               <div class="row gy-2 overflow-hidden">
38 +                 <div class="col-12">
39 +                   <div class="form-floating mb-3">
40 +                     <input type="email" class="form-control @error('email') is-invalid @enderror" name="email" id="email" placeholder="name@example.com" required>
41 +                     <label for="email" class="form-label">{{ __('Email Address') }}</label>
42 +                   </div>
43 +                   @error('email')
44 +                     <span class="invalid-feedback" role="alert">
45 +                       <strong>{{ $message }}</strong>
46 +                     </span>
```

```
47 +           @enderror
48 +       </div>
49 +   <div class="col-12">
50 +     <div class="form-floating mb-3">
51 +       <input type="password" class="form-control @error('password') is-invalid @enderror" name="password" id="password" value="" placeholder="Password" required>
52 +       <label for="password" class="form-label">{{ __('Password') }}</label>
53 +     </div>
54 +     @error('password')
55 +       <span class="invalid-feedback" role="alert">
56 +         <strong>{{ $message }}</strong>
57 +       </span>
58 +     @enderror
59 +   </div>
60 +   <div class="col-12">
61 +     <div class="d-flex gap-2 justify-content-between">
62 +       <div class="form-check">
63 +         <input class="form-check-input" type="checkbox" value="" name="rememberMe" id="rememberMe">
64 +         <label class="form-check-label text-secondary" for="rememberMe">
65 +           Keep me logged in
66 +         </label>
67 +       </div>
68 +       <a href="#" class="link-primary text-decoration-none">{{ __('forgot password?') }}</a>
69 +     </div>
70 +   </div>
71 +   <div class="col-12">
72 +     <div class="d-grid my-3">
73 +       <button class="btn btn-primary btn-lg" type="submit">{{ __('Login') }}</button>
74 +     </div>
75 +   </div>
76 +   <div class="col-12">
77 +     <p class="m-0 text-secondary text-center">Don't have an account? <a href="{{ route('register') }}" class="link-primary text-decoration-none">Sign up</a></p>
78 +   </div>
79 +   </div>
80 + </form>
81 + </div>
82 + </div>
83 + </div>
84 + </div>
85 + </div>
86 + </section>
87 +
88 + </body>
89 + </html>
```

resources/views/auth/registration.blade.php

```
... ... @@ -0,0 +1,100 @@
1 + <!DOCTYPE html>
2 + <html>
3 + <head>
4 +   <meta charset="utf-8">
5 +   <meta name="viewport" content="width=device-width, initial-scale=1">
6 +   <title>laravel 11 Custom User Register Page - itsolutionstuff.com</title>
7 +   <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet" crossorigin="anonymous">
8 +   <style type="text/css">
9 +     body{
10 +       background: #F8F9FA;
11 +     }
12 +   </style>
13 + </head>
14 + <body>
15 +
16 + <section class="bg-light py-3 py-md-5">
17 +   <div class="container">
18 +     <div class="row justify-content-center">
19 +       <div class="col-12 col-sm-10 col-md-8 col-lg-6 col-xl-5 col-xxl-4">
20 +         <div class="card border border-light-subtle rounded-3 shadow-sm">
21 +           <div class="card-body p-3 p-md-4 p-xl-5">
22 +             <div class="text-center mb-3">
23 +               <a href="#">
24 +                 
25 +               </a>
26 +             </div>
27 +             <h2 class="fs-6 fw-normal text-center text-secondary mb-4">Sign up to your account</h2>
28 +             <form method="POST" action="{{ route('register.post') }}">
29 +               @csrf
30 +
31 +               @session('error')
32 +                 <div class="alert alert-danger" role="alert">
33 +                   {{ $value }}
34 +                 </div>
35 +               @endsession
36 +
37 +               <div class="row gy-2 overflow-hidden">
38 +                 <div class="col-12">
39 +                   <div class="form-floating mb-3">
40 +                     <input type="text" class="form-control @error('name') is-invalid @enderror" name="name" id="name" placeholder="name@example.com" required>
41 +                     <label for="name" class="form-label">{{ __('Name') }}</label>
42 +                   </div>
43 +                   @error('name')
```

```

44 +             <span class="text-danger" role="alert">
45 +                 <strong>{{ $message }}</strong>
46 +             </span>
47 +         @enderror
48 +     </div>
49 +     <div class="col-12">
50 +         <div class="form-floating mb-3">
51 +             <input type="email" class="form-control @error('email') is-invalid @enderror" name="email" id="email" placeholder="name@example.com" required>
52 +             <label for="email" class="form-label">{{ __('Email Address') }}</label>
53 +         </div>
54 +         @error('email')
55 +             <span class="text-danger" role="alert">
56 +                 <strong>{{ $message }}</strong>
57 +             </span>
58 +         @enderror
59 +     </div>
60 +     <div class="col-12">
61 +         <div class="form-floating mb-3">
62 +             <input type="password" class="form-control @error('password') is-invalid @enderror" name="password" id="password" value="" placeholder="Password" required>
63 +             <label for="password" class="form-label">{{ __('Password') }}</label>
64 +         </div>
65 +         @error('password')
66 +             <span class="text-danger" role="alert">
67 +                 <strong>{{ $message }}</strong>
68 +             </span>
69 +         @enderror
70 +     </div>
71 +     <div class="col-12">
72 +         <div class="form-floating mb-3">
73 +             <input type="password" class="form-control @error('password_confirmation') is-invalid @enderror" name="password_confirmation" id="password_confirmation" value="" placeholder="password_confirmation" required>
74 +             <label for="password_confirmation" class="form-label">{{ __('Confirm Password') }}</label>
75 +         </div>
76 +         @error('password_confirmation')
77 +             <span class="text-danger" role="alert">
78 +                 <strong>{{ $message }}</strong>
79 +             </span>
80 +         @enderror
81 +     </div>
82 +     <div class="col-12">
83 +         <div class="d-grid my-3">
84 +             <button class="btn btn-primary btn-lg" type="submit">{{ __('Register') }}</button>
85 +         </div>
86 +     </div>

```

```

87 +         <div class="col-12">
88 +             <p class="m-0 text-secondary text-center">Have an account? <a href="{{ route('mylogin') }}" class="link-primary text-decoration-none">Sign in</a></p>
89 +         </div>
90 +     </div>
91 +     </form>
92 +   </div>
93 + </div>
94 + </div>
95 + </div>
96 + </div>
97 + </section>
98 +
99 + </body>
100 + </html>

```



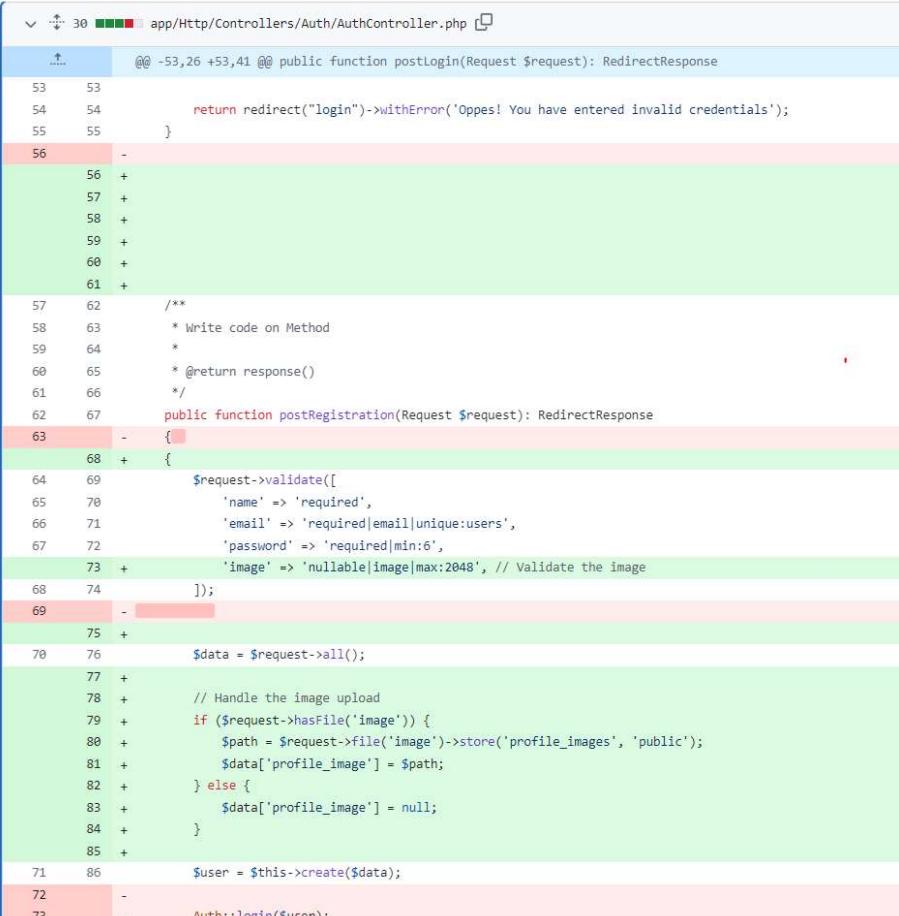
resources/views/dashboard.blade.php

```
1 + <!doctype html>
2 + <html lang="en">
3 +   <head>
4 +     <meta charset="utf-8">
5 +     <meta name="viewport" content="width=device-width, initial-scale=1">
6 +     <title>Laravel 11 Custom Dashboard - ItSolutionStuff.com</title>
7 +     <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet" crossorigin="anonymous">
8 +   </head>
9 + <body>
10 +
11 + <main>
12 +   <div class="container py-4">
13 +     <header class="pb-3 mb-4 border-bottom">
14 +       <div class="row">
15 +         <div class="col-md-11">
16 +           <a href="/" class="d-flex align-items-center text-dark text-decoration-none">
17 +             
18 +           </a>
19 +         </div>
20 +         <div class="col-md-1">
21 +           <a class="dropdown-item" href="{{ route('logout') }}"
22 +             onclick="event.preventDefault();
23 +                     document.getElementById('logout-form').submit();">
24 +             {{ __('Logout') }}</a>
25 +         </div>
26 +
27 +         <form id="logout-form" action="{{ route('logout') }}" method="POST" class="d-none">
28 +           @csrf
29 +         </form>
30 +       </div>
31 +     </div>
32 +
33 +   </header>
34 +
35 +   <div class="p-5 mb-4 bg-light rounded-3">
36 +     <div class="container-fluid py-5">
37 +
38 +       @session('success')
39 +         <div class="alert alert-success" role="alert">
40 +           {{ $value }}</div>
41 +
42 +       @endsession
43 +
44 +       <h1 class="display-5 fw-bold">Hi, {{ auth()->user()->name }}</h1>
45 +       <p class="col-md-8 fs-4">Welcome to dashboard.<br/>Using a series of utilities, you can create this jumbotron, just like the one in previous versions of Bootstrap. Check
46 +         out the examples below for how you can remix and restyle it to your liking.</p>
47 +         <button class="btn btn-primary btn-lg" type="button">Dashboard</button>
48 +       </div>
49 +
50 +     </div>
51 +   </main>
52 +
53 + </body>
54 + </html>
      ⊖
```

Adding images to custom registration

- **app/Http/Controllers/Auth/AuthController.php**
- **app/Models/User.php**
- **database/migrations/0001_01_01_000000_create_users_table.php**
- **resources/views/auth/registration.blade.php**
- **resources/views/dashboard.blade.php**

app/Http/Controllers/Auth/AuthController.php



```
@@ -53,26 +53,41 @@ public function postLogin(Request $request): RedirectResponse
53   53
54   54     return redirect("login")->withError('Opps! You have entered invalid credentials');
55   55   }
56 - 
56 + /**
57 + * Write code on Method
58 + *
59 + * @return response()
60 + */
61 + */
62 67   public function postRegistration(Request $request): RedirectResponse
63 - {
63 + {
64   69     $request->validate([
65   70       'name' => 'required',
66   71       'email' => 'required|email|unique:users',
67   72       'password' => 'required|min:6',
68   73       'image' => 'nullable|image|max:2048', // Validate the image
69   74     ]);
70 76     $data = $request->all();
77 +
78 +     // Handle the image upload
79 +     if ($request->hasFile('image')) {
80 +         $path = $request->file('image')->store('profile_images', 'public');
81 +         $data['profile_image'] = $path;
82 +     } else {
83 +         $data['profile_image'] = null;
84 +     }
85 +
86     $user = $this->create($data);
87 -
88 -     Auth::login($user);

```

```
74    87
75      -      return redirect("dashboard")->withSuccess('Great! You have Successfully loggedin');
88      +      Auth::login($user);
89      +
90      +      return redirect("dashboard")->withSuccess('Great! You have Successfully logged in');
76    91      }
77    92
78    93      /**
↑          @@ -99,7 +114,8 @@ public function create(array $data)
99    114      return User::create([
100   115          'name' => $data['name'],
101   116          'email' => $data['email'],
102      -      'password' => Hash::make($data['password'])
117      +      'password' => Hash::make($data['password']),
118      +      'profile_image' => $data['profile_image'] // Save the image path
103   119      ]);
104   120      }
105   121
```

app/Models/User.php

```
✓  ↗  1 app/Models/User.php □
..... @@ -20,6 +20,7 @@ class User extends Authenticatable
20    20          'name',
21    21          'email',
22    22          'password',
23      +          'profile_image',
24    24      ];
25    25
26      /**
↓
```

database/migrations/0001_01_01_000000_create_users_table.php

```
  ↻ 2 database/migrations/0001_01_01_000000_create_users_table.php [ ]
  ↑ @@ -17,6 +17,7 @@ public function up(): void
17   17         $table->string('email')->unique();
18   18         $table->timestamp('email_verified_at')->nullable();
19   19         $table->string('password');
20 + 20     + $table->string('profile_image');
21   21         $table->rememberToken();
22   22         $table->timestamps();
23   23     });
  ↓ @@ -45,5 +46,6 @@ public function down(): void
45   46             Schema::dropIfExists('users');
46   47             Schema::dropIfExists('password_reset_tokens');
47   48             Schema::dropIfExists('sessions');
49 + 49     + Schema::dropIfExists('profile_image');
48   50     }
49   51   };


```

resources/views/auth/registration.blade.php

```
resources/views/auth/registration.blade.php
```

	@@ -25,7 +25,7 @@
25	25
26	26
27	27
28	- <h2 class="fs-6 fw-normal text-center text-secondary mb-4">Sign up to your account</h2>
28	+ <form method="POST" action="{{ route('register.post') }}>
29	29 @csrf
30	30
31	31 @session('error')
@@ -79,6 +79,26 @@	
79	79
80	80 @enderror
81	81 </div>
82	+ <!-- Image Upload field -->
83	+ <div class="form-group row">
84	+ <label for="image" class="col-md-4 col-form-label text-md-right">{{ __('Profile Image') }}</label>
85	+ <div class="col-md-6">
86	+ <input id="image" type="file" class="form-control @error('image') is-invalid @enderror" name="image">
87	+ @error('image')
88	+
89	+ {{ \$message }}
90	+
91	+ @enderror
92	+ </div>
93	+ </div>
94	+ <div class="col-12">
95	+ <div class="d-grid my-3">
96	+ <button class="btn btn-primary btn-lg" type="submit">{{ __('Register') }}</button>
97	+ </div>
98	+ </div>
99	+ </div>
100	+ </div>
101	+ </div>

resources/views/dashboard.blade.php

```
 7 resources/views/dashboard.blade.php
  ↑ @@ -42,6 +42,13 @@
42  42      @endsession
43  43
44  44      <h1 class="display-5 fw-bold">Hi, {{ auth()->user()->name }}</h1>
45 +     <div class="text-center">
46 +         @if (Auth::user()->profile_image)
47 +             
48 +         @else
49 +             
50 +         @endif
51 +     </div>
45  52         <p class="col-md-8 fs-4">Welcome to dashboard.<br/>Using a series of utilities, you can create this jumbotron, just like the one in previous versions of Bootstrap. Check
        out the examples below for how you can remix and restyle it to your liking.</p>
46  53         <button class="btn btn-primary btn-lg" type="button">Dashboard</button>
47  54     </div>
  ↓
```

Customized Email Verification

- **app/Http/Controllers/Auth/AuthController.php**
- **app/Models/User.php**
- **bootstrap/app.php**
- **resources/views/auth/verify.blade.php**
- **routes/web.php**
- **app/Http/Controllers/Auth/AuthController.php**

```
↑ @@ -47,12 +47,19 @@ public function postLogin(Request $request): RedirectResponse
47 47
48 48     $credentials = $request->only('email', 'password');
49 49     if (Auth::attempt($credentials)) {
50 +     $user = Auth::user();
51 +     if (!$user->hasVerifiedEmail()) {
52 +         Auth::logout();
53 +         return redirect("mylogin")->withError('Please verify your email before logging in.');
54 +
55 +
56         return redirect()->intended('dashboard')
57 -     ->withSuccess('You have Successfully loggedin');
58 +     ->withSuccess('You have successfully logged in.');
59 -
54 -     ->withError('Opps! You have entered invalid credentials');
60 +     return redirect("login")->withError('Opps! You have entered invalid credentials');
55 61 }
56 63
57 64
58 65
↓ @@ -85,9 +92,10 @@ public function postRegistration(Request $request): RedirectResponse
85 92
86 93     $user = $this->create($data);
87 94
88 -     Auth::login($user);
89 +     // Send verification email
90 -     return redirect("dashboard")->withSuccess('Great! You have Successfully logged in');
91 +     return redirect("mylogin")->withSuccess('Great! You have successfully registered. Please verify your email before logging in.');
92 }
93 /**
↑ @@ -101,7 +109,7 @@ public function dashboard()
101 109     return view('dashboard');
102 110 }
103 111
104 -     return redirect("login")->withSuccess('Opps! You do not have access');
105 +     return redirect("mylogin")->withSuccess('Opps! You do not have access');
106 113 }
107 114
```

- **app/Models/User.php**

```
@@ -6,8 +6,9 @@
 6   6     use Illuminate\Database\Eloquent\Factories\HasFactory;
 7   7     use Illuminate\Foundation\Auth\User as Authenticatable;
 8   8     use Illuminate\Notifications\Notifiable;
 9   9     + use Illuminate\Contracts\Auth\MustVerifyEmail;
10 10
10 11 - class User extends Authenticatable
11 11 + class User extends Authenticatable implements MustVerifyEmail
12 12 {
13 13     use HasFactory, Notifiable;
14 14
```

- **bootstrap/app.php**

```
@@ -3,6 +3,8 @@
 3   3     use Illuminate\Foundation\Application;
 4   4     use Illuminate\Foundation\Configuration\Exceptions;
 5   5     use Illuminate\Foundation\Configuration\Middleware;
 6   6     + use Illuminate\Auth\Middleware\EnsureEmailIsVerified;
 7   7     + use Illuminate\Auth\Middleware\Authenticate;
 6   8
 7   9     return Application::configure(basePath: dirname(__DIR__))
 8   10        ->withRouting()
```

- [resources/views/auth/verify.blade.php](#)

```

▼ ↑ 2 resources/views/auth/verify.blade.php □
↑ @@ -16,7 +16,7 @@
16   16
17   17           {{ __('Before proceeding, please check your email for a verification link.') }}
18   18           {{ __('If you did not receive the email') }},
19 -  19 -           <form class="d-inline" method="POST" action="{{ route('verification.resend') }}>
20 + 19 +           <form class="d-inline" method="POST" action="{{ route('verification.send') }}>
21   20               @csrf
22   21           <button type="submit" class="btn btn-link p-0 m-0 align-baseline">{{ __('click here to request another') }}</button>
23   22       </form>
....
```

- [routes/web.php](#)

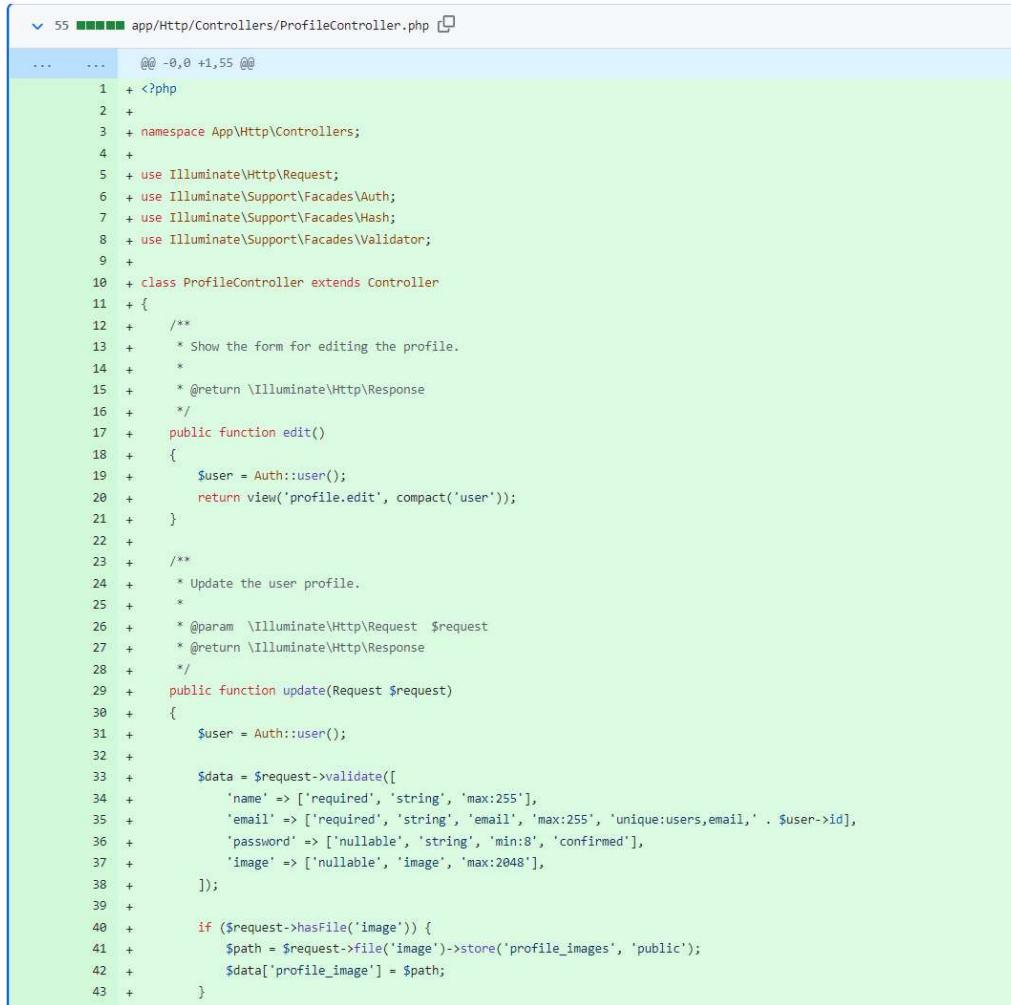
```

▼ ↑ 31 routes/web.php □
... ... @@ -1,6 +1,8 @@
1   1 <?php
2   2
3   3     use Illuminate\Support\Facades\Route;
4 + 4 + use Illuminate\Foundation\Auth\EmailVerificationRequest;
5 + 5 + use Illuminate\Http\Request;
4   6
5   7     Route::get('/', function () {
6   8         return view('welcome');
.... @@ -14,5 +16,30 @@
14  16     Route::post('post-login', [App\Http\Controllers\Auth\AuthController::class, 'postLogin'])->name('login.post');
15  17     Route::get('registration', [App\Http\Controllers\Auth\AuthController::class, 'registration'])->name('register');
16  18     Route::post('post-registration', [App\Http\Controllers\Auth\AuthController::class, 'postRegistration'])->name('register.post');
17 - 17 - Route::get('dashboard', [App\Http\Controllers\Auth\AuthController::class, 'dashboard']);
18 - 18 - Route::get('logout', [App\Http\Controllers\Auth\AuthController::class, 'logout'])->name('logout');
    ⊖
19 +
20 + Route::get('logout', [App\Http\Controllers\Auth\AuthController::class, 'logout'])->name('logout');
21 +
22 +
23 + // Email Verification Notice
24 + Route::get('/email/verify', function () {
25 +     return view('auth.verify');
26 + })->middleware('auth')->name('verification.notice');
27 +
28 + // Email Verification Handler
29 + Route::get('/email/verify/{id}/{hash}', function (EmailVerificationRequest $request) {
30 +     $request->fulfill();
31 +     return redirect('/mylogin')->with('verified', true);
32 + })->middleware(['auth', 'signed'])->name('verification.verify');
33 +
34 + // Resend Verification Email
35 + Route::post('/email/verification-notification', function (Request $request) {
36 +     $request->user()->sendEmailVerificationNotification();
37 +     return back()->with('message', 'Verification link sent!');
38 + })->middleware(['auth', 'throttle:6,1'])->name('verification.send');
39 +
40 + Route::middleware(['auth', 'verified'])->group(function () {
41 +     Route::get('/dashboard', function() {
42 +         return view('dashboard');
43 +     })->name('dashboard');
44 + });
45 +
```

Edit Profile

- **app/Http/Controllers/ProfileController.php**
 - **resources/views/dashboard.blade.php**
 - **resources/views/profile/edit.blade.php**
 - **routes/web.php**
-
- **app/Http/Controllers/ProfileController.php**

Php artisan make:controller ProfileController



```
@@ -0,0 +1,55 @@
...
...
@@
1 + <?php
2 +
3 + namespace App\Http\Controllers;
4 +
5 + use Illuminate\Http\Request;
6 + use Illuminate\Support\Facades\Auth;
7 + use Illuminate\Support\Facades\Hash;
8 + use Illuminate\Support\Facades\Validator;
9 +
10 + class ProfileController extends Controller
11 + {
12 +     /**
13 +      * Show the form for editing the profile.
14 +      *
15 +      * @return \Illuminate\Http\Response
16 +      */
17 +     public function edit()
18 +     {
19 +         $user = Auth::user();
20 +         return view('profile.edit', compact('user'));
21 +     }
22 +
23 +     /**
24 +      * Update the user profile.
25 +      *
26 +      * @param \Illuminate\Http\Request $request
27 +      * @return \Illuminate\Http\Response
28 +      */
29 +     public function update(Request $request)
30 +     {
31 +         $user = Auth::user();
32 +
33 +         $data = $request->validate([
34 +             'name' => ['required', 'string', 'max:255'],
35 +             'email' => ['required', 'string', 'email', 'max:255', 'unique:users,email,' . $user->id],
36 +             'password' => ['nullable', 'string', 'min:8', 'confirmed'],
37 +             'image' => ['nullable', 'image', 'max:2048'],
38 +         ]);
39 +
40 +         if ($request->hasFile('image')) {
41 +             $path = $request->file('image')->store('profile_images', 'public');
42 +             $data['profile_image'] = $path;
43 +         }
44 +
45 +         $user->fill($data);
46 +         $user->save();
47 +
48 +         return redirect()->route('profile.show', $user);
49 +     }
50 + }
```

```

44 +
45 +     if (!empty($data['password'])) {
46 +         $data['password'] = Hash::make($data['password']);
47 +     } else {
48 +         unset($data['password']);
49 +     }
50 +
51 +     $user->update($data);
52 +
53 +     return redirect()->route('profile.edit')->with('status', 'Profile updated successfully.');
54 +
55 + }

```



- [resources/views/dashboard.blade.php](#)

resources/views/dashboard.blade.php

```

@@ -31,16 +31,16 @@
 31    31          </div>
 32    32
 33    33          </header>
 34    -+
 34    + 
 35    35          <div class="p-5 mb-4 bg-light rounded-3">
 36    36              <div class="container-fluid py-5">
 37    -+
 37    + 
 38    38          @session('success')
 39    39              <div class="alert alert-success" role="alert">
 40    40                  {{ $value }}
 41    41              </div>
 42    42          @endsession
 43    -+
 43    + 
 43    + <h2> <a href="{{ url('profile/edit') }}>Edit Profile</a></h2>
 44    44          <h1 class="display-5 fw-bold">Hi, {{ auth()->user()->name }}</h1>
 45    45          <div class="text-center">
 46    46              @if (Auth::user()->profile_image)

```

- resources/views/profile/edit.blade.php

```
▼ 105 ████ resources/views/profile/edit.blade.php □ ...
... ... @@ -0,0 +1,105 @@
1 +
2 +
3 + @extends('layouts.app')
4 +
5 + @section('content')
6 + <div class="container">
7 +   <div class="row justify-content-center">
8 +     <div class="col-md-8">
9 +       <div class="card">
10 +         <div class="card-header">{{ __('Edit Profile') }}</div>
11 +
12 +         <div class="card-body">
13 +           @if (session('status'))
14 +             <div class="alert alert-success" role="alert">
15 +               {{ session('status') }}
16 +             </div>
17 +           @endif
18 +
19 +           <form method="POST" action="{{ route('profile.update') }}" enctype="multipart/form-data">
20 +             @csrf
21 +
22 +             <div class="form-group row">
23 +               <label for="name" class="col-md-4 col-form-label text-md-right">{{ __('Name') }}</label>
24 +
25 +               <div class="col-md-6">
26 +                 <input id="name" type="text" class="form-control @error('name') is-invalid @enderror" name="name" value="{{ old('name', $user->name) }}" required
27 +                   autocomplete="name" autofocus>
28 +
29 +                 @error('name')
30 +                   <span class="invalid-feedback" role="alert">
31 +                     <strong>{{ $message }}</strong>
32 +                   </span>
33 +                 @enderror
34 +               </div>
35 +
36 +             <div class="form-group row">
37 +               <label for="email" class="col-md-4 col-form-label text-md-right">{{ __('Email Address') }}</label>
38 +
39 +               <div class="col-md-6">
40 +                 <input id="email" type="email" class="form-control @error('email') is-invalid @enderror" name="email" value="{{ old('email', $user->email) }}"
41 +                   required autocomplete="email">
42 +               </div>
43 +             </div>
44 +           </form>
45 +         </div>
46 +       </div>
47 +     </div>
48 +   </div>
49 + </div>
50 +
```

```

41 +
42 +           @error('email')
43 +             <span class="invalid-feedback" role="alert">
44 +               <strong>{{ $message }}</strong>
45 +             </span>
46 +           @enderror
47 +         </div>
48 +       </div>
49 +
50 +     <div class="form-group row">
51 +       <label for="password" class="col-md-4 col-form-label text-md-right">{{ __('Password') }}</label>
52 +
53 +       <div class="col-md-6">
54 +         <input id="password" type="password" class="form-control @error('password') is-invalid @enderror" name="password" autocomplete="new-password">
55 +
56 +         @error('password')
57 +           <span class="invalid-feedback" role="alert">
58 +             <strong>{{ $message }}</strong>
59 +           </span>
60 +         @enderror
61 +       </div>
62 +     </div>
63 +
64 +     <div class="form-group row">
65 +       <label for="password-confirm" class="col-md-4 col-form-label text-md-right">{{ __('Confirm Password') }}</label>
66 +
67 +       <div class="col-md-6">
68 +         <input id="password-confirm" type="password" class="form-control" name="password_confirmation" autocomplete="new-password">
69 +       </div>
70 +     </div>
71 +
72 +     <div class="form-group row">
73 +       <label for="image" class="col-md-4 col-form-label text-md-right">{{ __('Profile Image') }}</label>
74 +
75 +       <div class="col-md-6">
76 +         <input id="image" type="file" class="form-control @error('image') is-invalid @enderror" name="image">
77 +
78 +         @error('image')
79 +           <span class="invalid-feedback" role="alert">
80 +             <strong>{{ $message }}</strong>
81 +           </span>
82 +         @enderror
83 +
84 +         @if ($user->profile_image)
85 +           
86 +         ...

```

```

87 +           </div>
88 +         @endif
89 +       </div>
90 +     </div>
91 +
92 +     <div class="form-group row mb-0">
93 +       <div class="col-md-6 offset-md-4">
94 +         <button type="submit" class="btn btn-primary">
95 +           {{ __('Update Profile') }}
96 +         </button>
97 +       </div>
98 +     </div>
99 +   </form>
100 + </div>
101 + </div>
102 + </div>
103 + </div>
104 + </div>
105 + @endsection

```

- **routes/web.php**

The screenshot shows a code editor interface with a diff view for the `routes/web.php` file. The top bar indicates a difference between line 43 and line 46. The code editor displays the following PHP code:

```
43     43         })->name('dashboard');
```

```
44     44     });
```

```
45     45
```

```
46 +
```

```
47 + Route::middleware(['auth'])->group(function () {
```

```
48 +     Route::get('/profile/edit', [App\Http\Controllers\ProfileController::class, 'edit'])->name('profile.edit');
```

```
49 +     Route::post('/profile/edit', [App\Http\Controllers\ProfileController::class, 'update'])->name('profile.update');
```

```
50 + });
```

A red minus sign icon is located at the bottom right of the code area.

How to Generate QR Code

Install simplesoftwareio/simple-qrcode

In the first step, we will install the simplesoftwareio/simple-qrcode Package that provides the capability to generate QR codes in a Laravel application. So, first open your terminal and run the below command:

```
composer require simplesoftwareio/simple-qrcode
```

If you have an error do this

1. Open your PHP configuration file (**php.ini**). In your case, it seems to be located at `C:\xampp\php\php.ini`.
2. Search for the following line in the php.ini file: `;extension=gd` Remove the semicolon at the beginning of the line to uncomment it: `extension=gd`
3. Save the php.ini file and restart your web server (e.g., Apache) for the changes to take effect.

- `app/Http/Controllers/QRCodeController.php`
- `composer.json`
- `resources/views/dashboard.blade.php`
- `resources/views/qrcode.blade.php`
- `routes/web.php`
- **app/Http/Controllers/QRCodeController.php**

```
php artisan make:controller QRCodeController
```

15 app/Http/Controllers/QRCodeController.php

```
... ... @@ -0,0 +1,15 @@
1 + <?php
2 +
3 + namespace App\Http\Controllers;
4 +
5 + use App\Http\Controllers\Controller;
6 + use Illuminate\Http\Request;
7 + use SimpleSoftwareIO\QrCode\Facades\QrCode;
8 +
9 + class QRCodeController extends Controller
10 + {
11 +     public function index(Request $request)
12 +     {
13 +         return view('qrcode');
14 +     }
15 + }
```

- **composer.json**

6 composer.json

```
... @@ -8,7 +8,8 @@
8     "php": "^8.2",
9     "laravel/framework": "^11.9",
10    "laravel/tinker": "^2.9",
11 -    "laravel/ui": "^4.5"
11 +    "laravel/ui": "^4.5",
12 +    "simplesoftwareio/simple-qrcode": "^4.2"
13     },
14     "require-dev": {
15         "fakerphp/faker": "^1.23",
... @@ -63,4 +64,7 @@
64     },
65     "minimum-stability": "stable",
66     "prefer-stable": true
67 +
68 +
69 +
66    70 }
```

- resources/views/dashboard.blade.php

```

v ↑ 2 resources/views/dashboard.blade.php □

↑ @@ -40,7 +40,7 @@
40 40         {{ $value }}
41 41     
```

42 42 + @endsession

43 43 - <h2> Edit Profile</h2>

43 43 + <h2> Edit Profile</h2> &nbsp <h2> Generate QR Code</h2>

44 44 <h1 class="display-5 fw-bold">Hi, {{ auth()->user()->name }}</h1>

45 45 <div class="text-center">

46 46 @if (Auth::user()->profile_image)

↓

- resources/views/qrcode.blade.php

```

v 15 resources/views/qrcode.blade.php □

... ... @@ -0,0 +1,15 @@
1 + <!-- resources/views/qrcode.blade.php -->
2 + <!DOCTYPE html>
3 + <html lang="en">
4 + <head>
5 +     <meta charset="UTF-8">
6 +     <meta name="viewport" content="width=device-width, initial-scale=1.0">
7 +     <title>QR Code Generator</title>
8 + </head>
9 + <body>
10 +    <div style="text-align: center; margin-top: 50px;">
11 +        <h1>QR Code</h1>
12 +        <div>{!! QrCode::size(300)->generate('https://www.mayorkay.com') !!}</div>
13 +    </div>
14 + </body>
15 + </html>

```

- routes/web.php

```
diff --git a/routes/web.php b/routes/web.php
@@ -3,11 +3,15 @@
use Illuminate\Support\Facades\Route;
use Illuminate\Foundation\Auth\EmailVerificationRequest;
use Illuminate\Http\Request;
+use App\Http\Controllers\QRCodeController;
Route::get('/', function () {
    return view('welcome');
});
+Route::get('qrcode', [QRCodeController::class, 'index']);
+
Auth::routes();
Route::get('/home', [App\Http\Controllers\HomeController::class, 'index'])->name('home');
```

Comments on commit [c7133c4](#)

Pages Link Added

```
✓ ⏷ 1 resources/views/home.blade.php □
↑ @@ -6,6 +6,7 @@
 6   6       <div class="col-md-8">
 7   7           <div class="card">
 8   8               <div class="card-header">{{ __('Dashboard') }}</div>
 9   9 +           <a href="{{ url('profile/edit') }}">Edit Profile</a>
10 10
11 11           <div class="card-body">
12 12               @if (session('status'))
```



```
✓ ⏷ 1 resources/views/profile/edit.blade.php □
↑ @@ -8,6 +8,7 @@
 8   8       <div class="col-md-8">
 9   9           <div class="card">
10 10               <div class="card-header">{{ __('Edit Profile') }}</div>
11 11 +           <a href="{{ url('home') }}">Home</a>
12 12
13 13           <div class="card-body">
14 14               @if (session('status'))
```

0 comments on commit 5ec239c

Multi Auth: Create Multiple Authentication

- app/Http/Controllers/Auth/LoginController.php
- app/Http/Controllers/HomeController.php
- app/Http/Middleware/UserAccess.php
- app/Models/User.php
- bootstrap/app.php
- database/migrations/2024_06_10_202828_add_type_to_users_table.php
- database/seeds/CreateUsersSeeder.php
- resources/views/adminHome.blade.php
- resources/views/home.blade.php
- resources/views/managerHome.blade.php
- routes/web.php
- **database/migrations/2024_06_10_202828_add_type_to_users_table.php**

```
php artisan make:migration add_type_to_users_table
```

```
 29 database/migrations/2024_06_10_202828_add_type_to_users_table.php
...
... @@ -0,0 +1,29 @@
1 + <?php
2 +
3 + use Illuminate\Database\Migrations\Migration;
4 + use Illuminate\Database\Schema\Blueprint;
5 + use Illuminate\Support\Facades\Schema;
6 +
7 + return new class extends Migration
8 + {
9 +     /**
10 +      * Run the migrations.
11 +      */
12 +     public function up(): void
13 +     {
14 +         Schema::table('users', function (Blueprint $table) {
15 +             //
16 +             $table->tinyInteger('type')->default(0); // Users: 0=>User, 1=>Admin, 2=>Manager
17 +         });
18 +     }
19 +
20 +     /**
21 +      * Reverse the migrations.
22 +      */
23 +     public function down(): void
24 +     {
25 +         Schema::table('users', function (Blueprint $table) {
26 +             //
27 +         });
28 +     }
29 + };
```

```
php artisan migrate
```

- [app/Models/User.php](#)

```
@@ -6,6 +6,7 @@
 6   6     use Illuminate\Database\Eloquent\Factories\HasFactory;
 7   7     use Illuminate\Foundation\Auth\User as Authenticatable;
 8   8     use Illuminate\Notifications\Notifiable;
 9   9     + use Illuminate\Database\Eloquent\Cast\Attribute;
10 10
11 11     class User extends Authenticatable implements MustVerifyEmail
12 12     {
@@ -21,6 +22,7 @@ class User extends Authenticatable implements MustVerifyEmail
21 22         'email',
22 23         'password',
23 24         'profile_image',
24 25     +     'type',
25 26     ];
26 27
27 28     /**
@@ -45,4 +47,12 @@ protected function casts(): array
45 47             'password' => 'hashed',
46 48         ];
47 49     }
50 +
51 +     protected function type(): Attribute
52 +     {
53 +         return new Attribute(
54 +             get: fn ($value) => ["user", "admin", "manager"][$value],
55 +         );
56 +     }
57 +
48 58 }
```

Create UserAccess Middleware

```
php artisan make:middleware UserAccess
```

- [app/Http/Middleware/UserAccess.php](#)

```
✓ 24 app/Http/Middleware/UserAccess.php □
...
@@ -0,0 +1,24 @@
1 + <?php
2 +
3 + namespace App\Http\Middleware;
4 +
5 + use Closure;
6 + use Illuminate\Http\Request;
7 + use Symfony\Component\HttpFoundation\Response;
8 +
9 + class UserAccess
10 + {
11 +     /**
12 +      * Handle an incoming request.
13 +      *
14 +      * @param \Closure(\Illuminate\Http\Request): (\Symfony\Component\HttpFoundation\Response) $next
15 +      */
16 +     public function handle(Request $request, Closure $next, $userType): Response
17 +     {
18 +         if(auth()->user()->type == $userType){
19 +             return $next($request);
20 +         }
21 +
22 +         return response()->json(['You do not have permission to access for this page.']);
23 +     }
24 + }
```

register the UserAccess middleware to the app.php file.

- **bootstrap/app.php**

```
✓ 4 bootstrap/app.php □
↑ @@ -15,7 +15,9 @@
15    15      ->withMiddleware(function (Middleware $middleware) {
16    16
17    17      //
18    -     $middleware->alias([
19    +         'user-access' => \App\Http\Middleware\UserAccess::class,
20    +     ]);
21    21
22    22      })
23    23      ->withExceptions(function (Exceptions $exceptions) {
    ↓
```

- routes/web.php

```
@@ -3,6 +3,7 @@
3   3     use Illuminate\Support\Facades\Route;
4   4     use Illuminate\Foundation\Auth\EmailVerificationRequest;
5   5     use Illuminate\Http\Request;
6 + 6     + use App\Http\Controllers\HomeController;
7   7
8   8     Route::get('/', function () {
9   9         return view('welcome');
@@ -28,13 +29,18 @@
28   29         return back()->with('message', 'Verification link sent!');
29   30     })->middleware(['auth', 'throttle:6,1'])->name('verification.send');
30   31
31 - 31 // Protected route example
32 - 32 Route::get('/home', function () {
33 - 33     return view('home');
34 - 34 })->middleware(['auth', 'verified'])->name('home');
35   35
36   36
37 - 37 - Route::middleware(['auth'])->group(function () {
38   38     +
39 + 39 + Route::middleware(['auth', 'verified'])->group(function () {
40 + 40     Route::get('/home', [HomeController::class, 'index'])->middleware(['user-access:user'])->name('home');
41 + 41     Route::get('/profile/edit', [App\Http\Controllers\ProfileController::class, 'edit'])->name('profile.edit');
42 + 42     Route::post('/profile/edit', [App\Http\Controllers\ProfileController::class, 'update'])->name('profile.update');
43 + 43     Route::get('/managerHome', [HomeController::class, 'managerHome'])->middleware(['user-access:manager'])->name('manager.Home');
44 + 44     Route::get('/adminHome', [HomeController::class, 'adminHome'])->middleware(['user-access:admin'])->name('admin.Home');
45 + 45 });
46 + 46 );
```

- **app/Http/Controllers/HomeController.php**

```
✓ ⏺ 12 app/Http/Controllers/HomeController.php □
.... @@ -3,6 +3,7 @@
3   3 namespace App\Http\Controllers;
4   4
5   5 use Illuminate\Http\Request;
6 + 6 + use Illuminate\View\View;
7   7
8   8 class HomeController extends Controller
9   9 {
.... @@ -16,6 +17,8 @@ public function __construct()
16  17     $this->middleware(['auth', 'verified']);
17  18 }
18  19
20 +
21 +
19  22 /**
20  23 * Show the application dashboard.
21  24 *
.... @@ -25,4 +28,13 @@ public function index()
25  28 {
26  29     return view('home');
27  30 }
28  31 +
29  32 + public function adminHome(): View
33  33 {
34  34     return view('adminHome');
35  35 }
36  36 + public function managerHome(): View
37  37 {
38  38     return view('managerHome');
39  39 }
28  40 }
```

- **resources/views/home.blade.php**

```
✓ ⏺ 2 resources/views/home.blade.php □
.... @@ -26,7 +26,7 @@
26  26             </div>
27  27
28  28
29  29 -             {{ __('You are logged in!') }}
29  29 +             {{ __('You are logged in!') }} .Auth::user()->type;
30  30             </div>
31  31             </div>
32  32             </div>
....
```

- resources/views/adminHome.blade.php

```
✓ 23 ████ resources/views/adminHome.blade.php □  
... ... @@ -0,0 +1,23 @@  
1 + @extends('layouts.app')  
2 +  
3 + @section('content')  
4 + <div class="container">  
5 +   <div class="row justify-content-center">  
6 +     <div class="col-md-8">  
7 +       <div class="card">  
8 +         <div class="card-header">{{ __('Dashboard') }}</div>  
9 +  
10 +        <div class="card-body">  
11 +          @if (session('status'))  
12 +            <div class="alert alert-success" role="alert">  
13 +              {{ session('status') }}  
14 +            </div>  
15 +          @endif  
16 +  
17 +          <h2>You are a Admin User.</h2>  
18 +        </div>  
19 +      </div>  
20 +    </div>  
21 +  </div>  
22 + </div>  
23 + @endsection  
⊖
```

- resources/views/managerHome.blade.php

```
✓ 23 ████ resources/views/managerHome.blade.php □  
... ... @@ -0,0 +1,23 @@  
1 + @extends('layouts.app')  
2 +  
3 + @section('content')  
4 + <div class="container">  
5 +   <div class="row justify-content-center">  
6 +     <div class="col-md-8">  
7 +       <div class="card">  
8 +         <div class="card-header">{{ __('Dashboard') }}</div>  
9 +  
10 +        <div class="card-body">  
11 +          @if (session('status'))  
12 +            <div class="alert alert-success" role="alert">  
13 +              {{ session('status') }}  
14 +            </div>  
15 +          @endif  
16 +  
17 +          <h2>You are a Manager User.</h2>  
18 +        </div>  
19 +      </div>  
20 +    </div>  
21 +  </div>  
22 + </div>  
23 + @endsection  
⊖
```

- **app/Http/Controllers/Auth/LoginController.php**

```
@@ -4,6 +4,8 @@
 4      4
 5      5      use App\Http\Controllers\Controller;
 6      6      use Illuminate\Foundation\Auth\AuthenticatesUsers;
+ 7      +      use Illuminate\Http\Request;
+ 8      +      use Illuminate\Http\RedirectResponse;
 9      9
 10     10     class LoginController extends Controller
 11     11     {
 12+ @@ -37,4 +39,32 @@ public function __construct()
 37     39             $this->middleware('guest')->except('logout');
 38     40             $this->middleware('auth')->only('logout');
 39     41         }
 42+
 43+
 44+
 45+     public function login(Request $request): RedirectResponse
 46+
 47+     {
 48+         $input = $request->all();
 49+
 50+         $this->validate($request, [
 51+             'email' => 'required|email',
 52+             'password' => 'required',
 53+         ]);
 54+
 55+         if ($auth()->attempt(['email' => $input['email'], 'password' => $input['password']])) {
 56+             if ($auth()->user()->type == 'admin') {
 57+                 return redirect()->route('admin.Home');
 58+             } else if ($auth()->user()->type == 'manager') {
 59+                 return redirect()->route('manager.Home');
 60+             } else {
 61+                 return redirect()->route('home');
 62+             }
 63+         } else {
 64+             return redirect()->route('login')->with('error', 'Email-Address And Password Are Wrong.');
 65+         }
 66+
 67+
 68+
 69+
 70     }
 40    70 }
```

User Seeder

```
php artisan make:seeder CreateUsersSeeder
```

- **database/seeders/CreateUsersSeeder.php**

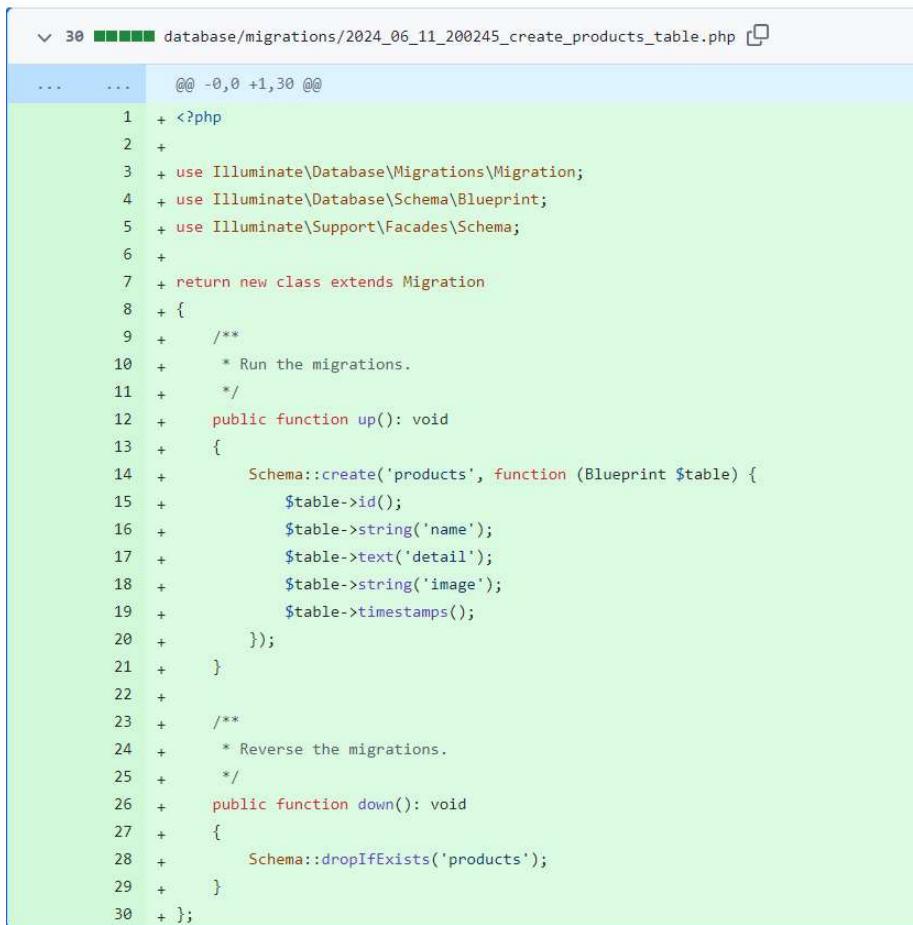
46 database/seeders/CreateUsersSeeder.php

```
... ... @@ -0,0 +1,46 @@
1 + <?php
2 +
3 + namespace Database\Seeders;
4 +
5 + use Illuminate\Database\Console\Seeds\WithoutModelEvents;
6 + use Illuminate\Database\Seeder;
7 + use App\Models\User;
8 +
9 + class CreateUsersSeeder extends Seeder
10 + {
11 +     /**
12 +      * Run the database seeds.
13 +      *
14 +      * @return void
15 +      */
16 +     public function run(): void
17 +     {
18 +         $users = [
19 +             [
20 +                 'name' => 'Admin User',
21 +                 'email' => 'admin@itsolutionstuff.com',
22 +                 'type' => 1,
23 +                 'password'=> bcrypt('123456'),
24 +                 'profile_image' => 'profile_images/admin_image.jpg', // Adjust the path accordingly
25 +             ],
26 +             [
27 +                 'name' => 'Manager User',
28 +                 'email' => 'manager@itsolutionstuff.com',
29 +                 'type' => 2,
30 +                 'password'=> bcrypt('123456'),
31 +                 'profile_image' => 'profile_images/manager_image.jpg', // Adjust the path accordingly
32 +             ],
33 +             [
34 +                 'name' => 'User',
35 +                 'email' => 'user@itsolutionstuff.com',
36 +                 'type' => 0,
37 +                 'password'=> bcrypt('123456'),
38 +                 'profile_image' => 'profile_images/user_image.jpg', // Adjust the path accordingly
39 +             ],
40 +         ];
41 +
42 +         foreach ($users as $key => $user) {
43 +             User::create($user);
44 +         }
45 +     }
46 + }
```

CRUD with Image Upload Tutorial

- **app/Http/Controllers/ProductController.php**
- **app/Models/Product.php**
- **database/migrations/2024_06_11_200245_create_products_table.php**
- **resources/views/products/create.blade.php**
- **resources/views/products/edit.blade.php**
- **resources/views/products/index.blade.php**
- **resources/views/products/layout.blade.php**
- **resources/views/products/show.blade.php**
- **routes/web.php**
- **database/migrations/2024_06_11_200245_create_products_table.php**

```
php artisan make:migration create_products_table --create=products
```



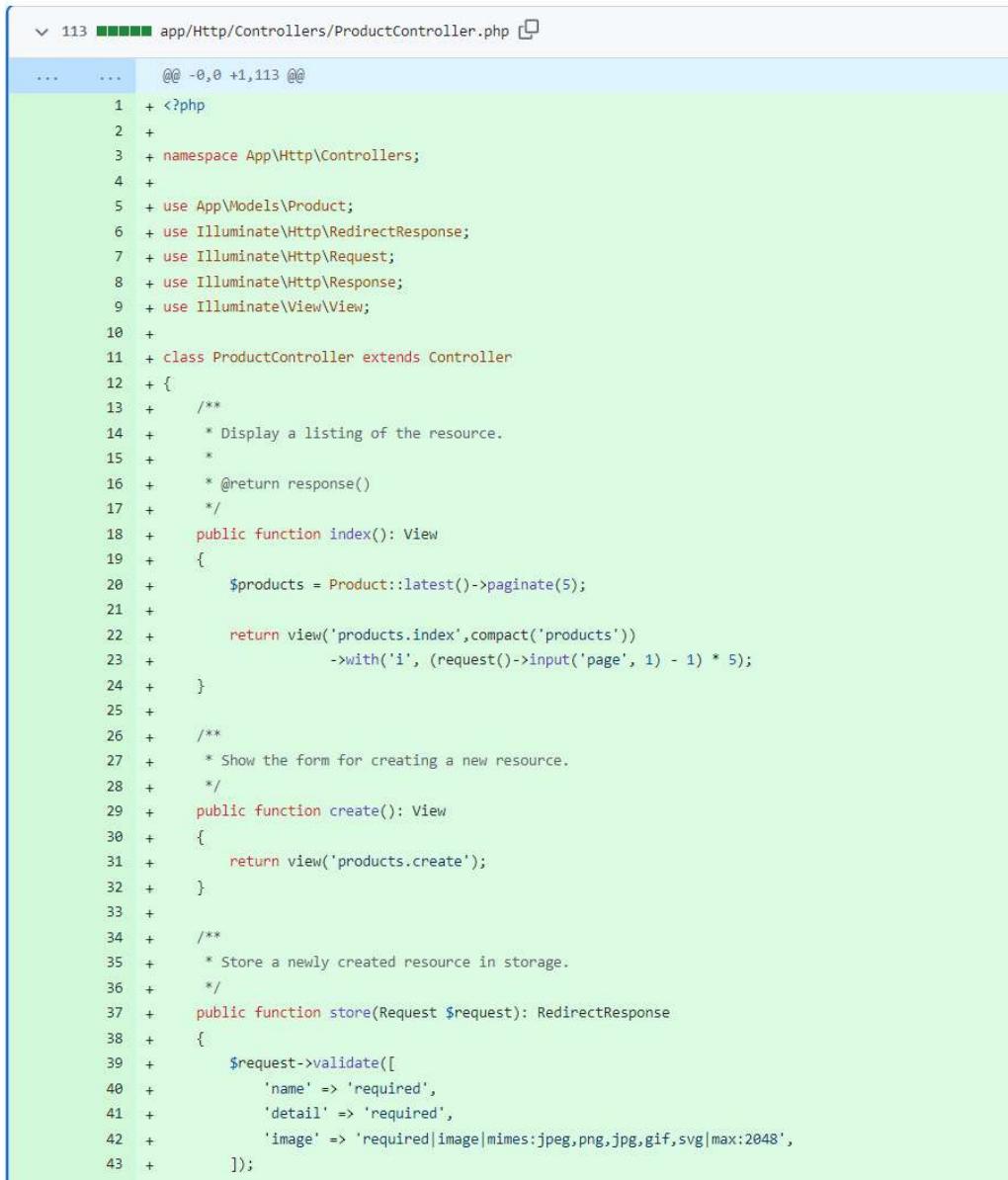
```
✓ 30 ██████████ database/migrations/2024_06_11_200245_create_products_table.php □
...
... @@ -0,0 +1,30 @@
1 + <?php
2 +
3 + use Illuminate\Database\Migrations\Migration;
4 + use Illuminate\Database\Schema\Blueprint;
5 + use Illuminate\Support\Facades\Schema;
6 +
7 + return new class extends Migration
8 + {
9 +     /**
10 +      * Run the migrations.
11 +     */
12 +     public function up(): void
13 +     {
14 +         Schema::create('products', function (Blueprint $table) {
15 +             $table->id();
16 +             $table->string('name');
17 +             $table->text('detail');
18 +             $table->string('image');
19 +             $table->timestamps();
20 +         });
21 +     }
22 +
23 +     /**
24 +      * Reverse the migrations.
25 +     */
26 +     public function down(): void
27 +     {
28 +         Schema::dropIfExists('products');
29 +     }
30 + };
```

```
php artisan migrate
```

Add Controller and Model

```
php artisan make:controller ProductController --resource --model=Product
```

- **app/Http/Controllers/ProductController.php**



```
@@ -0,0 +1,113 @@
 1 + <?php
 2 +
 3 + namespace App\Http\Controllers;
 4 +
 5 + use App\Models\Product;
 6 + use Illuminate\Http\RedirectResponse;
 7 + use Illuminate\Http\Request;
 8 + use Illuminate\Http\Response;
 9 + use Illuminate\View\View;
10 +
11 + class ProductController extends Controller
12 + {
13 +     /**
14 +      * Display a listing of the resource.
15 +      *
16 +      * @return response()
17 +     */
18 +     public function index(): View
19 +     {
20 +         $products = Product::latest()->paginate(5);
21 +
22 +         return view('products.index', compact('products'))
23 +             ->with('i', (request()->input('page', 1) - 1) * 5);
24 +     }
25 +
26 +     /**
27 +      * Show the form for creating a new resource.
28 +      */
29 +     public function create(): View
30 +     {
31 +         return view('products.create');
32 +     }
33 +
34 +     /**
35 +      * Store a newly created resource in storage.
36 +      */
37 +     public function store(Request $request): RedirectResponse
38 +     {
39 +         $request->validate([
40 +             'name' => 'required',
41 +             'detail' => 'required',
42 +             'image' => 'required|image|mimes:jpeg,png,jpg,gif,svg|max:2048',
43 +         ]);
44 +     }
45 + }
```

```
44 +
45 +     $input = $request->all();
46 +
47 +     if ($image = $request->file('image')) {
48 +         $destinationPath = 'images/';
49 +         $profileImage = date('YmdHis') . "." . $image->getClientOriginalExtension();
50 +         $image->move($destinationPath, $profileImage);
51 +         $input['image'] = "$profileImage";
52 +     }
53 +
54 +     Product::create($input);
55 +
56 +     return redirect()->route('products.index')
57 +         ->with('success', 'Product created successfully.');
58 +
59 +
60 +     /**
61 +      * Display the specified resource.
62 +      */
63 +     public function show(Product $product): View
64 +     {
65 +         return view('products.show', compact('product'));
66 +     }
67 +
68 +     /**
69 +      * Show the form for editing the specified resource.
70 +      */
71 +     public function edit(Product $product): View
72 +     {
73 +         return view('products.edit', compact('product'));
74 +     }
75 +
76 +     /**
77 +      * Update the specified resource in storage.
78 +      */
79 +     public function update(Request $request, Product $product): RedirectResponse
80 +     {
81 +         $request->validate([
82 +             'name' => 'required',
83 +             'detail' => 'required'
84 +         ]);
85 +
86 +         $input = $request->all();
87 +
88 +         if ($image = $request->file('image')) {
89 +             $destinationPath = 'images/':
```

```

88 +         if ($image = $request->file('image')) {
89 +             $destinationPath = 'images/';
90 +             $profileImage = date('YmdHis') . "." . $image->getClientOriginalExtension();
91 +             $image->move($destinationPath, $profileImage);
92 +             $input['image'] = "$profileImage";
93 +         }else{
94 +             unset($input['image']);
95 +         }
96 +
97 +         $product->update($input);
98 +
99 +         return redirect()->route('products.index')
100 +                         ->with('success', 'Product updated successfully');
101 +
102 +
103 +     /**
104 +      * Remove the specified resource from storage.
105 +      */
106 +     public function destroy(Product $product): RedirectResponse
107 +     {
108 +         $product->delete();
109 +
110 +         return redirect()->route('products.index')
111 +                         ->with('success', 'Product deleted successfully');
112 +
113 +     }

```



- [app/Models/Product.php](#)

✓ 15 ━━━━ app/Models/Product.php []

```

... ... @@ -0,0 +1,15 @@
1 + <?php
2 +
3 + namespace App\Models;
4 +
5 + use Illuminate\Database\Eloquent\Factories\HasFactory;
6 + use Illuminate\Database\Eloquent\Model;
7 +
8 + class Product extends Model
9 + {
10 +     use HasFactory;
11 +
12 +     protected $fillable = [
13 +         'name', 'detail', 'image'
14 +     ];
15 + }

```



- routes/web.php

```
@@ -4,6 +4,7 @@
4   4     use Illuminate\Foundation\Auth\EmailVerificationRequest;
5   5     use Illuminate\Http\Request;
6   6     use App\Http\Controllers\HomeController;
7 + 7     + use App\Http\Controllers\ProductController;
8   8
9   9     Route::get('/', function () {
10    10         return view('welcome');
11  @@ -50,3 +51,5 @@
12    51             return redirect('/');
13    52         })->name('logout');
14    53
15 + 54     +
16 + 55     + Route::resource('products', ProductController::class);
```

resources/views/products/layout.blade.php

```
@@ -0,0 +1,15 @@
... ... @@ -0,0 +1,15 @@
1 + <!DOCTYPE html>
2 + <html>
3 + <head>
4 +     <title>Laravel 11 CRUD with Image Upload Tutorial - ItSolutionStuff.com</title>
5 +     <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css" rel="stylesheet">
6 +     <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.5.1/css/all.min.css" />
7 + </head>
8 + <body>
9 +
10 + <div class="container">
11 +     @yield('content')
12 + </div>
13 +
14 + </body>
15 + </html>
```

resources/views/products/index.blade.php

```
 61 resources/views/products/index.blade.php □
...
...
@@ -0,0 +1,61 @@
1 + @extends('products.layout')
2 +
3 + @section('content')
4 + <div class="card mt-5">
5 +   <h2 class="card-header">Laravel 11 CRUD with Image Upload Tutorial - ItSolutionStuff.com</h2>
6 +   <div class="card-body">
7 +
8 +     @session('success')
9 +       <div class="alert alert-success" role="alert"> {{ $value }} </div>
10 +     @endsession
11 +
12 +     <div class="d-grid gap-2 d-md-flex justify-content-md-end">
13 +       <a class="btn btn-success btn-sm" href="{{ route('products.create') }}><i class="fa fa-plus"></i> Create New Product</a>
14 +     </div>
15 +
16 +     <table class="table table-bordered table-striped mt-4">
17 +       <thead>
18 +         <tr>
19 +           <th width="80px">No</th>
20 +           <th>Image</th>
21 +           <th>Name</th>
22 +           <th>Details</th>
23 +           <th width="250px">Action</th>
24 +         </tr>
25 +       </thead>
26 +
27 +       <tbody>
28 +         @forelse ($products as $product)
29 +           <tr>
30 +             <td>{{ ++$i }}</td>
31 +             <td></td>
32 +             <td>{{ $product->name }}</td>
33 +             <td>{{ $product->detail }}</td>
34 +             <td>
35 +               <form action="{{ route('products.destroy',$product->id) }}" method="POST">
36 +
37 +                 <a class="btn btn-info btn-sm" href="{{ route('products.show',$product->id) }}><i class="fa-solid fa-list"></i> Show</a>
38 +
39 +                 <a class="btn btn-primary btn-sm" href="{{ route('products.edit',$product->id) }}><i class="fa-solid fa-pen-to-square"></i> Edit</a>
40 +
41 +               @csrf
42 +               @method('DELETE')
43 +             </form>
44 +             <button type="submit" class="btn btn-danger btn-sm"><i class="fa-solid fa-trash"></i> Delete</button>
45 +           </td>
46 +         </tr>
47 +       @empty
48 +         <tr>
49 +           <td colspan="5">There are no data.</td>
50 +         </tr>
51 +       @endforelse
52 +     </tbody>
53 +
54 +
55 +   </table>
56 +
57 +   {!! $products->withQueryString()->links('pagination::bootstrap-5') !!}
58 +
59 + </div>
60 + </div>
61 + @endsection
```

resources/views/products/create.blade.php

```
 58 resources/views/products/create.blade.php □
...
...
@@ -0,0 +1,58 @@
1 + @extends('products.layout')
2 +
3 + @section('content')
4 + <div class="card mt-5">
5 +   <h2 class="card-header">Add New Product</h2>
6 +   <div class="card-body">
7 +
8 +     <div class="d-grid gap-2 d-md-flex justify-content-md-end">
9 +       <a class="btn btn-primary btn-sm" href="{{ route('products.index') }}><i class="fa fa-arrow-left"></i> Back</a>
10 +
11 +
12 +     <form action="{{ route('products.store') }}" method="POST" enctype="multipart/form-data">
13 +       @csrf
14 +
15 +       <div class="mb-3">
16 +         <label for="inputName" class="form-label"><strong>Name:</strong></label>
17 +         <input
18 +           type="text"
19 +           name="name"
20 +           class="form-control @error('name') is-invalid @enderror"
21 +           id="inputName"
22 +           placeholder="Name">
23 +         @error('name')
24 +           <div class="form-text text-danger">{{ $message }}</div>
25 +         @enderror
26 +
27 +
28 +       <div class="mb-3">
29 +         <label for="inputDetail" class="form-label"><strong>Detail:</strong></label>
30 +         <textarea
31 +           class="form-control @error('detail') is-invalid @enderror"
32 +           style="height:150px"
33 +           name="detail"
34 +           id="inputDetail"
35 +           placeholder="Detail"></textarea>
36 +         @error('detail')
37 +           <div class="form-text text-danger">{{ $message }}</div>
38 +         @enderror
39 +
40 +
41 +       <div class="mb-3">
42 +         <label for="inputImage" class="form-label"><strong>Image:</strong></label>
43 +         <input
44 +           type="file"
45 +           name="image"
46 +           class="form-control @error('image') is-invalid @enderror"
47 +           id="inputImage">
48 +         @error('image')
49 +           <div class="form-text text-danger">{{ $message }}</div>
50 +         @enderror
51 +
52 +
53 +         <button type="submit" class="btn btn-success"><i class="fa-solid fa-floppy-disk"></i> Submit</button>
54 +
55 +
56 +       </div>
57 +     </div>
58 +   @endsection

```

resources/views/products/edit.blade.php

```
✓ 61 ████ resources/views/products/edit.blade.php □
...
... @@ -0,0 +1,61 @@
 1 + @extends('products.layout')
 2 +
 3 + @section('content')
 4 + <div class="card mt-5">
 5 +   <h2 class="card-header">Edit Product</h2>
 6 +   <div class="card-body">
 7 +
 8 +     <div class="d-grid gap-2 d-md-flex justify-content-md-end">
 9 +       <a class="btn btn-primary btn-sm" href="{{ route('products.index') }}><i class="fa fa-arrow-left"></i> Back</a>
10 +     </div>
11 +
12 +     <form action="{{ route('products.update', $product->id) }}" method="POST" enctype="multipart/form-data">
13 +       @csrf
14 +       @method('PUT')
15 +
16 +       <div class="mb-3">
17 +         <label for="inputName" class="form-label"><strong>Name:</strong></label>
18 +         <input
19 +           type="text"
20 +           name="name"
21 +           value="{{ $product->name }}"
22 +           class="form-control @error('name') is-invalid @enderror"
23 +           id="inputName"
24 +           placeholder="Name"
25 +           @error('name')
26 +             <div class="form-text text-danger">{{ $message }}</div>
27 +           @enderror
28 +         </div>
29 +
30 +       <div class="mb-3">
31 +         <label for="inputDetail" class="form-label"><strong>Detail:</strong></label>
32 +         <textarea
33 +           class="form-control @error('detail') is-invalid @enderror"
34 +           style="height:150px"
35 +           name="detail"
36 +           id="inputDetail"
37 +           placeholder="Detail">{{ $product->detail }}</textarea>
38 +         @error('detail')
39 +           <div class="form-text text-danger">{{ $message }}</div>
40 +         @enderror
41 +       </div>
42 +
43 +       <div class="mb-3">
44 +         <label for="inputImage" class="form-label"><strong>Image:</strong></label>
45 +         <input
46 +           type="file"
47 +           name="image"
48 +           class="form-control @error('image') is-invalid @enderror"
49 +           id="inputImage">
50 +         
51 +         @error('image')
52 +           <div class="form-text text-danger">{{ $message }}</div>
53 +         @enderror
54 +       </div>
55 +
56 +       <button type="submit" class="btn btn-success"><i class="fa-solid fa-floppy-disk"></i> Update</button>
57 +     </form>
58 +
59 +   </div>
60 + </div>
61 + @endsection
  ⊖
```

resources/views/products/show.blade.php

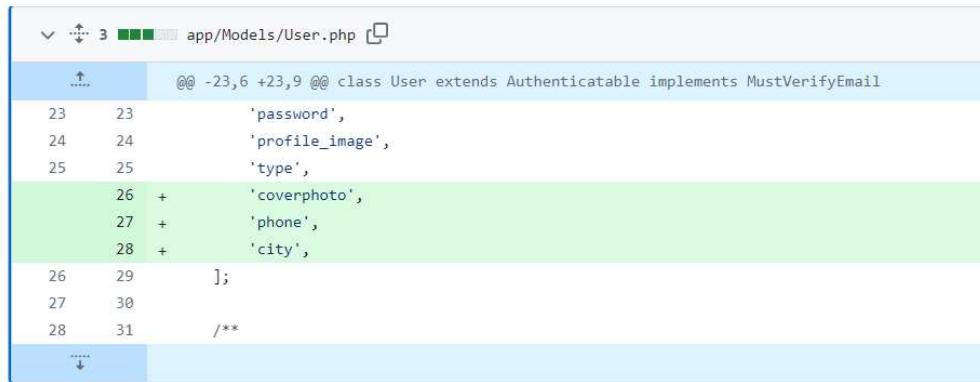
```
⌄ 35 resources/views/products/show.blade.php ▾
...
... @@ -0,0 +1,35 @@
1 + @extends('products.layout')
2 +
3 + @section('content')
4 + <div class="card mt-5">
5 +   <h2 class="card-header">Show Product</h2>
6 +   <div class="card-body">
7 +
8 +     <div class="d-grid gap-2 d-md-flex justify-content-md-end">
9 +       <a class="btn btn-primary btn-sm" href="{{ route('products.index') }}><i class="fa fa-arrow-left"></i> Back</a>
10 +     </div>
11 +
12 +     <div class="row">
13 +       <div class="col-xs-12 col-sm-12 col-md-12">
14 +         <div class="form-group">
15 +           <strong>Name:</strong> <br/>
16 +           {{ $product->name }}
17 +         </div>
18 +       </div>
19 +       <div class="col-xs-12 col-sm-12 col-md-12 mt-2">
20 +         <div class="form-group">
21 +           <strong>Details:</strong> <br/>
22 +           {{ $product->detail }}
23 +         </div>
24 +       </div>
25 +       <div class="col-xs-12 col-sm-12 col-md-12">
26 +         <div class="form-group">
27 +           <strong>Image:</strong><br/>
28 +           
29 +         </div>
30 +       </div>
31 +     </div>
32 +
33 +   </div>
34 + </div>
35 + @endsection
```

Update User Profile

- app/Http/Controllers/ProfileController.php
 - app/Models/User.php
 - database/migrations/2024_06_15_204455_add_new_fields_users.php
 - resources/views/profile/edit.blade.php
-
- **app/Http/Controllers/ProfileController.php**

```
✓ ⏵ 14 ━━━━━━ app/Http/Controllers/ProfileController.php □
.... @@ -35,13 +35,27 @@ public function update(Request $request)
35 35     'email' => ['required', 'string', 'email', 'max:255', 'unique:users,email,' . $user->id],
36 36     'password' => ['nullable', 'string', 'min:8', 'confirmed'],
37 37     'image' => ['nullable', 'image', 'max:2048'],
38 +     'phone' => ['required', 'string', 'max:255'],
39 +     'city' => ['required', 'string', 'max:255'],
40 +     'coverphoto' => ['nullable', 'image', 'max:2048'],
38 41 ];
39 42
40 43     if ($request->hasFile('image')) {
41 44         $path = $request->file('image')->store('profile_images', 'public');
42 45         $data['profile_image'] = $path;
43 46     }
44 47
48 +
49 +     if ($request->hasFile('coverphoto')) {
50 +         $path = $request->file('coverphoto')->store('coverphoto', 'public');
51 +         $data['coverphoto'] = $path;
52 +
53 +
54 +
55 +         } else {
56 +             unset($data['coverphoto']);
57 +         }
58 +
45 59         if (!empty($data['password'])) {
46 60             $data['password'] = Hash::make($data['password']);
47 61         } else {
....
```

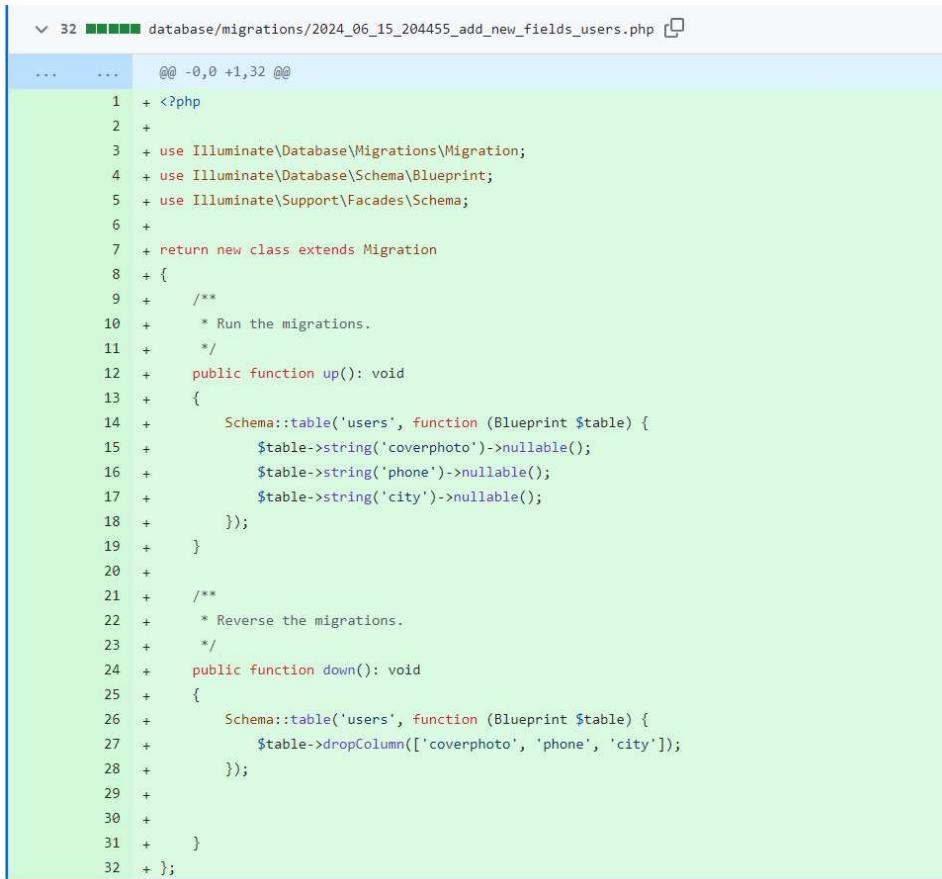
- [app/Models/User.php](#)



```
@@ -23,6 +23,9 @@ class User extends Authenticatable implements MustVerifyEmail
23     'password',
24     'profile_image',
25     'type',
26     +     'coverphoto',
27     +     'phone',
28     +     'city',
29 ];
30
31 /**

```

- [database/migrations/2024_06_15_204455_add_new_fields_users.php](#)



```
@@ -0,0 +1,32 @@
...
...
1 + <?php
2 +
3 + use Illuminate\Database\Migrations\Migration;
4 + use Illuminate\Database\Schema\Blueprint;
5 + use Illuminate\Support\Facades\Schema;
6 +
7 + return new class extends Migration
8 + {
9 +     /**
10 +      * Run the migrations.
11 +      */
12 +     public function up(): void
13 +     {
14 +         Schema::table('users', function (Blueprint $table) {
15 +             $table->string('coverphoto')->nullable();
16 +             $table->string('phone')->nullable();
17 +             $table->string('city')->nullable();
18 +         });
19 +     }
20 +
21 +     /**
22 +      * Reverse the migrations.
23 +      */
24 +     public function down(): void
25 +     {
26 +         Schema::table('users', function (Blueprint $table) {
27 +             $table->dropColumn(['coverphoto', 'phone', 'city']);
28 +         });
29 +
30 +
31 +     }
32 + };

```

- `resources/views/profile/edit.blade.php`

```
    </div>
  </div>
</div>
<div class="row">
  <div class="mb-3 col-md-6">
    <label for="phone" class="form-label">Phone: </label>
    <input class="form-control" type="text" id="phone" name="phone" value="{{ auth()>user()>phone }}" autofocus="" >
    @error('phone')
      <span role="alert" class="text-danger">
        <strong>{{ $message }}</strong>
      </span>
    @enderror
  </div>
  <div class="mb-3 col-md-6">
    <label for="city" class="form-label">City: </label>
    <input class="form-control" type="text" id="city" name="city" value="{{ auth()>user()>city }}" autofocus="" >
    @error('city')
      <span role="alert" class="text-danger">
        <strong>{{ $message }}</strong>
      </span>
    @enderror
  </div>
</div>
<div class="form-group row">
  <label for="image" class="col-md-4 col-form-label text-md-right">{{ __('Profile Image') }}</label>
```

Image Validation

```
@@ -53,7 +53,14 @@ protected function validator(array $data)
53 53     'name' => ['required', 'string', 'max:255'],
54 54     'email' => ['required', 'string', 'email', 'max:255', 'unique:users'],
55 55     'password' => ['required', 'string', 'min:8', 'confirmed'],
56 56     'image' => ['nullable', 'image', 'max:2048'], // Validate the image
57 57     'image' => ['nullable', 'image', 'mimes:jpg,png,jpeg,gif,svg',
58 58         'dimensions:min_width=100,min_height=100,max_width=1000,max_height=1000', 'max:2048'],
59 59
60 60
61 61
62 62
63 63         // Validate the image
57 64     ]);
58 65
59 66     // Handle the file upload

```

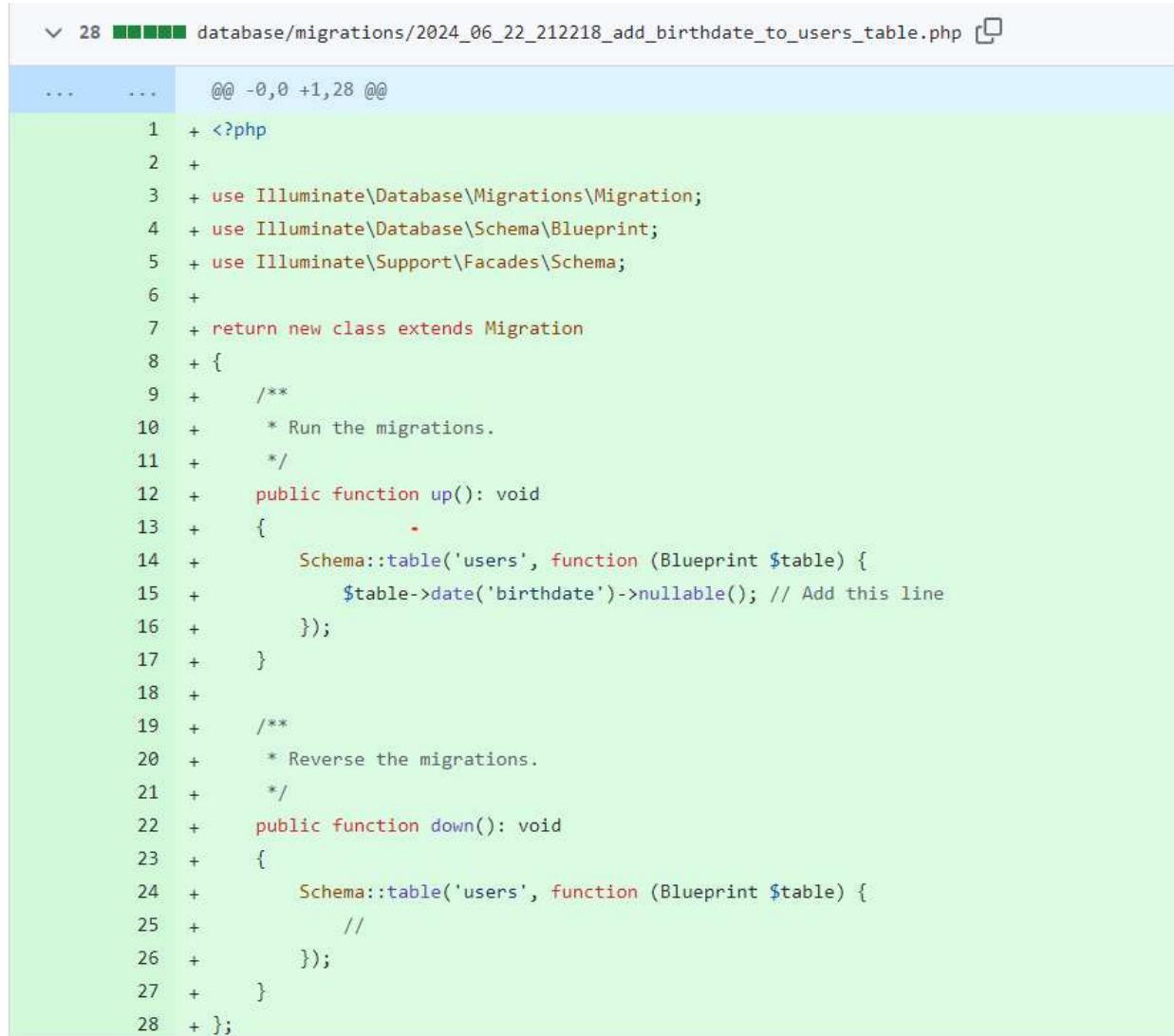
Birthdate schedule reminder

- app/Console/Commands/SendBirthdayWishes.php
- app/Http/Controllers/Auth/RegisterController.php
- app/Mail/BirthdayWishMail.php
- app/Mail/birthday_wish.php
- app/Models/User.php
- database/migrations/2024_06_22_212218_add_birthdate_to_users_table.php
- resources/views/auth/register.blade.php
- resources/views/emails/birthday_wish.blade.php
- bootstrap/app.php
- routes/console.php

Add a birthdate field to the users table:

database/migrations/2024_06_22_212218_add_birthdate_to_users_table.php

```
php artisan make:migration add_birthdate_to_users_table
```



```
... ... @@ -0,0 +1,28 @@
1 + <?php
2 +
3 + use Illuminate\Database\Migrations\Migration;
4 + use Illuminate\Database\Schema\Blueprint;
5 + use Illuminate\Support\Facades\Schema;
6 +
7 + return new class extends Migration
8 + {
9 +     /**
10 +      * Run the migrations.
11 +      */
12 +     public function up(): void
13 +     {
14 +         Schema::table('users', function (Blueprint $table) {
15 +             $table->date('birthdate')->nullable(); // Add this line
16 +         });
17 +     }
18 +
19 +     /**
20 +      * Reverse the migrations.
21 +      */
22 +     public function down(): void
23 +     {
24 +         Schema::table('users', function (Blueprint $table) {
25 +             // ...
26 +         });
27 +     }
28 + };
```

Run Migration

```
php artisan migrate
```

Create an email template:

```
php artisan make:mail BirthdayWishMail
```

```
58 app/Mail/BirthdayWishMail.php
```

```
... ... @@ -0,0 +1,58 @@
1 + <?php
2 +
3 + namespace App\Mail;
4 +
5 + use Illuminate\Bus\Queueable;
6 + use Illuminate\Contracts\Queue\ShouldQueue;
7 + use Illuminate\Mail\Mailable;
8 + use Illuminate\Mail\Mailables\Content;
9 + use Illuminate\Mail\Mailables\Envelope;
10 + use Illuminate\Queue\SerializesModels;
11 +
12 + class BirthdayWishMail extends Mailable
13 + {
14 +     use Queueable, SerializesModels;
15 +
16 +     /**
17 +      * Create a new message instance.
18 +      */
19 +     public function __construct($user)
20 +     {
21 +         $this->user = $user;
22 +     }
23 +
24 +     /**
25 +      * Get the message envelope.
26 +      */
27 +     public function envelope(): Envelope
28 +     {
29 +         return new Envelope(
30 +             subject: 'Birthday Wish Mail',
31 +         );
32 +     }
33 +
34 +     public function build()
35 +     {
36 +         return $this->markdown('emails.birthday_wish')->with('user', $this->user);
37 +     }
38 +
39 +     /**
40 +      * Get the message content definition.
41 +     */
```

```
42 +     public function content(): Content
43 +     {
44 +         return new Content(
45 +             view: 'view.name',
46 +         );
47 +     }
48 +
49 +     /**
50 +      * Get the attachments for the message.
51 +      *
52 +      * @return array<int, \Illuminate\Mail\Mailables\Attachment>
53 +      */
54 +     public function attachments(): array
55 +     {
56 +         return [];
57 +     }
58 + }
```

- [app/Models/User.php](#)

```
@@ -26,6 +26,7 @@ class User extends Authenticatable implements MustVerifyEmail
26    26          'coverphoto',
27    27          'phone',
28    28          'city',
29    29      +      'birthdate',
30    30      ];
31    31      /**
32    32      **/
```

- [app/Http/Controllers/Auth/RegisterController.php](#)

```

v 4 app\Http\Controllers\Auth\RegisterController.php □
... @@ -54,7 +54,8 @@ protected function validator(array $data)
54 54     'email' => ['required', 'string', 'email', 'max:255', 'unique:users'],
55 55     'password' => ['required', 'string', 'min:8', 'confirmed'],
56 56     'image' => ['nullable', 'image', 'mimes:jpg,png,jpeg,gif,svg',
57 -     'dimensions:min_width=100,min_height=100,max_width=1000,max_height=1000', 'max:2048'],
57 +     'dimensions:min_width=100,min_height=100,max_width=1000,max_height=1000', 'max:2048'],
58 +     'birthdate' => ['required', 'date'],
58
59
60
61
@@ -106,6 +107,7 @@ protected function create(array $data)
106 107     'email' => $data['email'],
107 108     'password' => Hash::make($data['password']),
108 109     'profile_image' => $data['profile_image'], // Save the image path
110 +     'birthdate' => $data['birthdate'],
109 111 ];
110 112 }
111 113 }

```

Create a markdown template:

[resources/views/emails/birthday_wish.blade.php](#)

```

v 14 resources/views/emails/birthday_wish.blade.php □
... ... @@ -0,0 +1,14 @@
1 + <!-- resources/views/emails/birthday_wish.blade.php -->
2 +
3 + @component('mail::message')
4 + # Happy Birthday, {{ $user->name }}!
5 +
6 + We wish you a very happy birthday and a wonderful year ahead!
7 +
8 + @component('mail::button', ['url' => url('/')])
9 + Visit our site
10 + @endcomponent
11 +
12 + Thanks,<br>
13 + {{ config('app.name') }}
14 + @endcomponent

```

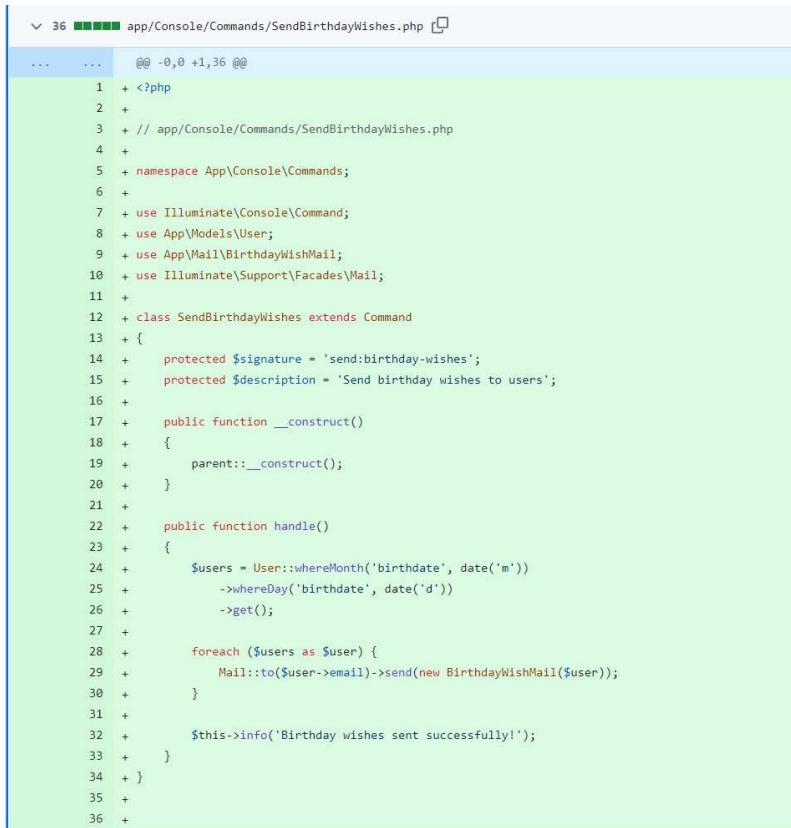
resources/views/auth/register.blade.php



```
@@ -38,7 +38,16 @@
 38   38           @enderror
 39   39       </div>
 40   40   </div>
 41 - -
 41 +     <div class="row mb-3">
 42 +       <label for="Birthdate" class="col-md-4 col-form-label text-md-end">{{ __('Birthdate') }}</label>
 43 +       <div class="col-md-6">
 44 +         <input id="birthdate" type="date" class="form-control @error('birthdate') is-invalid @enderror" name="birthdate" value="{{ old('birthdate') }}" required>
 45 +         @error('birthdate')
 46 +           <span class="invalid-feedback" role="alert">
 47 +             <strong>{{ $message }}</strong>
 48 +           </span>
 49 +         @enderror
 50 +       </div></div>
 42  51     <div class="row mb-3">
 43  52       <label for="password" class="col-md-4 col-form-label text-md-end">{{ __('Password') }}</label>
 44  53
```

Schedule the Command

app\Console\Commands\SendBirthdayWishes.php



```
@@ -0,0 +1,36 @@
+ <?php
+
+ // app\Console\Commands\SendBirthdayWishes.php
+
+ namespace App\Console\Commands;
+
+ use Illuminate\Console\Command;
+ use App\Models\User;
+ use App\Mail\BirthdayWishMail;
+ use Illuminate\Support\Facades\Mail;
+
+ class SendBirthdayWishes extends Command
+ {
+     protected $signature = 'send:birthday-wishes';
+     protected $description = 'Send birthday wishes to users';
+
+     public function __construct()
+     {
+         parent::__construct();
+     }
+
+     public function handle()
+     {
+         $users = User::whereMonth('birthdate', date('m'))
+             ->whereDay('birthdate', date('d'))
+             ->get();
+
+         foreach ($users as $user) {
+             Mail::to($user->email)->send(new BirthdayWishMail($user));
+         }
+
+         $this->info('Birthday wishes sent successfully!');
+     }
+ }
```

- Register in the route area

routes/console.php

```

(routes/console.php) @@ -2,12 +2,42 @@
 2   2
 3   3     use Illuminate\Foundation\Inspiring;
 4   4     use Illuminate\Support\Facades\Artisan;
 5 + use App\Models\User;
 6 + use Carbon\Carbon;
 7 + use Illuminate\Support\Facades\Mail;
 8 +
 9 + Artisan::command('send:birthday-wishes', function () {
10 +     $users = User::whereMonth('birthdate', Carbon::now()->month)
11 +         ->whereDay('birthdate', Carbon::now()->day)
12 +         ->get();
13 +
14 +     foreach ($users as $user) {
15 +         // Assuming you have a Mailable class named BirthdayWishMail
16 +         Mail::to($user->email)->send(new \App\Mail\BirthdayWishMail($user));
17 +     }
18 +
19 +     $this->info('Birthday wishes sent successfully!');
20 + }})->describe('Send birthday wishes to users');
21 +
22 +
23 +
24 +
25 +
26 +
27 +
28 +
29 +
30 +
31 +
32 +
33 +
34 +
35
36     Artisan::command('inspire', function () {
37         $this->comment(Inspiring::quote());
38     })->purpose('Display an inspiring quote')->hourly();
39
40
41     Artisan::command('send:birthday-wishes', function () {
42         // Optionally, add any closure-based logic here if needed
43     })->describe('Send birthday wishes to users')->daily();

```

- Register in bootstrap
- bootstrap/app.php

```

  ↻ 10 └── bootstrap/app.php [ ]
    ↑ @@ -5,6 +5,7 @@
  5   5     use Illuminate\Foundation\Configuration\Middleware;
  6   6     use Illuminate\Auth\Middleware\EnsureEmailIsVerified;
  7   7     use Illuminate\Auth\Middleware\Authenticate;
  8 + 8     + use Illuminate\Console\Scheduling\Schedule;
  9   9
 10 10     return Application::configure(basePath: dirname(__DIR__))
 11 11         ->withRouting(
    ↑ @@ -20,6 +21,15 @@
 20 21             ]);
 21 22
 22 23         })
 24 +
 25 +     ->withSchedule(function (Schedule $schedule) {
 26 +         $schedule->command('send:birthday-wishes')->everyMinute();
 27 +     })
 28 +
 29     ->withExceptions(function (Exceptions $exceptions) {
 30         //
 31 +
 32 +
 33     })->create();
 34 +
 35 +

```

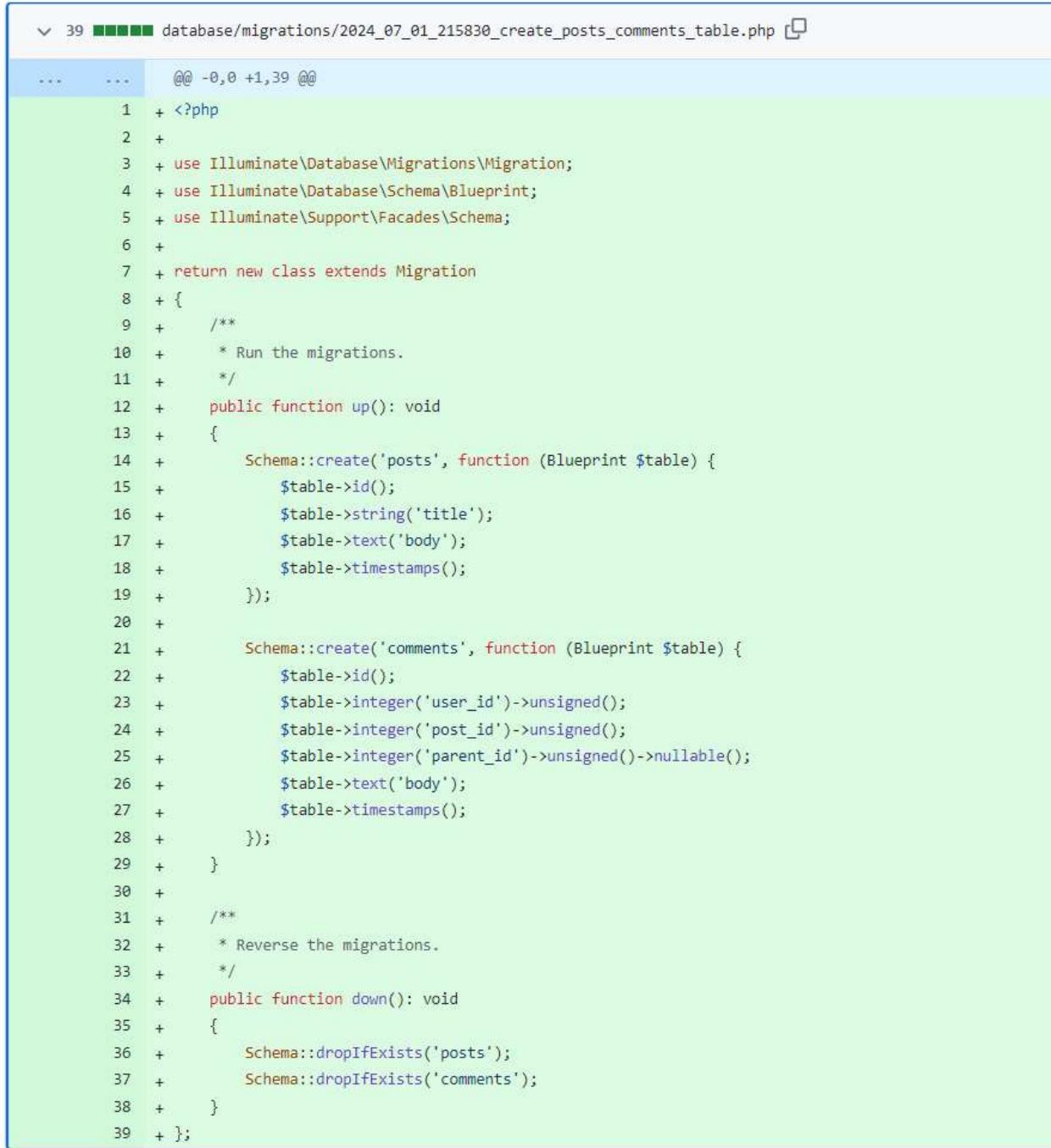
[php artisan schedule:run](#)

Comment System with Replies Example

- app/Http/Controllers/PostController.php
- app/Models/Comment.php
- app/Models/Post.php
- database/migrations/2024_07_01_215830_create_posts_comments_table.php
- resources/views/home.blade.php
- resources/views/layouts/app.blade.php
- resources/views/posts/comments.blade.php
- resources/views/posts/index.blade.php
- resources/views/posts/show.blade.php
- routes/web.php

Create Posts and Comments Tables

```
php artisan make:migration create_posts_comments_table
```



```
... ... @@ -0,0 +1,39 @@
1 + <?php
2 +
3 + use Illuminate\Database\Migrations\Migration;
4 + use Illuminate\Database\Schema\Blueprint;
5 + use Illuminate\Support\Facades\Schema;
6 +
7 + return new class extends Migration
8 + {
9 +     /**
10 +      * Run the migrations.
11 +      */
12 +     public function up(): void
13 +     {
14 +         Schema::create('posts', function (Blueprint $table) {
15 +             $table->id();
16 +             $table->string('title');
17 +             $table->text('body');
18 +             $table->timestamps();
19 +         });
20 +
21 +         Schema::create('comments', function (Blueprint $table) {
22 +             $table->id();
23 +             $table->integer('user_id')->unsigned();
24 +             $table->integer('post_id')->unsigned();
25 +             $table->integer('parent_id')->unsigned()->nullable();
26 +             $table->text('body');
27 +             $table->timestamps();
28 +         });
29 +     }
30 +
31 +     /**
32 +      * Reverse the migrations.
33 +      */
34 +     public function down(): void
35 +     {
36 +         Schema::dropIfExists('posts');
37 +         Schema::dropIfExists('comments');
38 +     }
39 + };
```

Create Models

```
php artisan make:model Post
```

▼ 28 app/Models/Post.php

```
... ... @@ -0,0 +1,28 @@
1 + <?php
2 +
3 + namespace App\Models;
4 +
5 + use Illuminate\Database\Eloquent\Factories\HasFactory;
6 + use Illuminate\Database\Eloquent\Model;
7 +
8 + class Post extends Model
9 + {
10 +     use HasFactory;
11 +
12 +     /**
13 +      * The attributes that are mass assignable.
14 +      *
15 +      * @var array
16 +      */
17 +     protected $fillable = ['title', 'body'];
18 +
19 +     /**
20 +      * The has Many Relationship
21 +      *
22 +      * @var array
23 +      */
24 +     public function comments()
25 +     {
26 +         return $this->hasMany(Comment::class)->whereNull('parent_id')->latest();
27 +     }
28 + }
```



php artisan make:model Comment

```
v 38 app/Models/Comment.php □
...
@@ -0,0 +1,38 @@
1 + <?php
2 +
3 + namespace App\Models;
4 +
5 + use Illuminate\Database\Eloquent\Factories\HasFactory;
6 + use Illuminate\Database\Eloquent\Model;
7 +
8 + class Comment extends Model
9 + {
10 +     use HasFactory;
11 +
12 +     /**
13 +      * The attributes that are mass assignable.
14 +      *
15 +      * @var array
16 +      */
17 +     protected $fillable = ['user_id', 'post_id', 'parent_id', 'body'];
18 +
19 +     /**
20 +      * The belongs to Relationship
21 +      *
22 +      * @var array
23 +      */
24 +     public function user()
25 +     {
26 +         return $this->belongsTo(User::class);
27 +     }
28 +
29 +     /**
30 +      * The has Many Relationship
31 +      *
32 +      * @var array
33 +      */
34 +     public function replies()
35 +     {
36 +         return $this->hasMany(Comment::class, 'parent_id');
37 +     }
38 + }
```

Create Routes

```
(routes/web.php)
@@ -4,6 +4,7 @@
4   4   use Illuminate\Foundation\Auth\EmailVerificationRequest;
5   5   use Illuminate\Http\Request;
6   6   use App\Http\Controllers\HomeController;
7 + 7   + use App\Http\Controllers\PostController;
8   8   use App\Http\Controllers\ProductController;
9   9
10 10  Route::get('/', function () {
@@ -37,6 +38,10 @@
37 38      Route::get('/home', [HomeController::class, 'index'])->middleware(['user-access:user'])->name('home');
38 39      Route::get('/profile/edit', [App\Http\Controllers\ProfileController::class, 'edit'])->name('profile.edit');
39 40      Route::post('/profile/edit', [App\Http\Controllers\ProfileController::class, 'update'])->name('profile.update');
41 + 41      Route::get('/posts', [PostController::class, 'index'])->name('posts.index');
42 + 42      Route::post('/posts', [PostController::class, 'store'])->name('posts.store');
43 + 43      Route::get('/posts/{id}', [PostController::class, 'show'])->name('posts.show');
44 + 44      Route::post('/posts/comment/store', [PostController::class, 'commentStore'])->name('posts.comment.store');
40 45      Route::get('/managerHome', [HomeController::class, 'managerHome'])->middleware(['user-access:manager'])->name('manager.Home');
41 46      Route::get('/adminHome', [HomeController::class, 'adminHome'])->middleware(['user-access:admin'])->name('admin.Home');
42 47
.....
```

Create Controller

```
v 72 ━━━━ app/Http/Controllers/PostController.php □
...
... @@ -0,0 +1,72 @@
1 + <?php
2 +
3 + namespace App\Http\Controllers;
4 +
5 + use Illuminate\Http\Request;
6 + use App\Models\Post;
7 + use App\Models\Comment;
8 +
9 + class PostController extends Controller
10 + {
11 +     /**
12 +      * Display a listing of the resource.
13 +      *
14 +      * @return \Illuminate\Http\Response
15 +      */
16 +     public function index()
17 +     {
18 +         $posts = Post::latest()->get();
19 +
20 +         return view('posts.index', compact('posts'));
21 +     }
22 +
23 +     /**
24 +      * Write code on Method
25 +      *
26 +      * @return response()
27 +      */
28 +     public function store(Request $request)
29 +     {
30 +         $this->validate($request, [
31 +             'title' => 'required',
32 +             'body' => 'required'
33 +         ]);
34 +
35 +         $post = Post::create([
36 +             'title' => $request->title,
37 +             'body' => $request->body
38 +         ]);
39 +
40 +         return back()->with('success', 'Post created successfully.');
41 +     }
42 + }
```

```

43 +     /**
44 +      * Show the form for creating a new resource.
45 +      *
46 +      * @return \Illuminate\Http\Response
47 +      */
48 +     public function show($id)
49 +     {
50 +         $post = Post::find($id);
51 +         return view('posts.show', compact('post'));
52 +     }
53 +
54 +     /**
55 +      * Write code on Method
56 +      *
57 +      * @return response()
58 +      */
59 +     public function commentStore(Request $request)
60 +     {
61 +         $request->validate([
62 +             'body'=>'required',
63 +         ]);
64 +
65 +         $input = $request->all();
66 +         $input['user_id'] = auth()->user()->id;
67 +
68 +         Comment::create($input);
69 +
70 +         return back()->with('success', 'Comment added successfully.');
71 +     }
72 + }

```

Create and Update Blade Files

resources/views/layouts/app.blade.php

```

@@ -15,6 +15,19 @@
15 15
16 16      <!-- Scripts -->
17 17      @vite(['resources/sass/app.scss', 'resources/js/app.js'])

18 +
19 +      <style type="text/css">
20 +          .img-user{
21 +              width: 40px;
22 +              border-radius: 50%;
23 +          }
24 +          .col-md-1{
25 +              padding-right: 0px !important;
26 +          }
27 +          .img-col{
28 +              width: 5.33% !important;
29 +          }
30 +      </style>

31 31      </head>
32 32      <body>
33 33          <div id="app">

```

Then create comment, post and show view

Comments

```
v 28 resources/views/posts/comments.blade.php □
...
... @@ -0,0 +1,28 @@
1 + @foreach($comments as $comment)
2 +     <div class="display-comment row mt-3" @if($comment->parent_id != null) style="margin-left:40px;" @endif>
3 +         <div class="col-md-1 text-end img-col">
4 +             
5 +         </div>
6 +         <div class="col-md-11">
7 +             <strong>{{ $comment->user->name }}</strong>
8 +             <br/><small><i class="fa fa-clock"></i> {{ $comment->created_at->diffForHumans() }}</small>
9 +             <p{!! nl2br($comment->body) !!}></p>
10 +            <form method="post" action="{{ route('posts.comment.store') }}">
11 +                @csrf
12 +                <div class="row">
13 +                    <div class="col-md-11">
14 +                        <div class="form-group">
15 +                            <textarea class="form-control" name="body" placeholder="Write Your Reply..." style="height: 40px;"></textarea>
16 +                            <input type="hidden" name="post_id" value="{{ $post_id }}"/>
17 +                            <input type="hidden" name="parent_id" value="{{ $comment->id }}"/>
18 +                        </div>
19 +                    </div>
20 +                    <div class="col-md-1">
21 +                        <button class="btn btn-warning"><i class="fa fa-reply"></i> Reply</button>
22 +                    </div>
23 +                </div>
24 +            </form>
25 +            @include('posts.comments', ['comments' => $comment->replies])
26 +        </div>
27 +    </div>
28 + @endforeach
    ⊖
```

Post (Index)

```
✓ 59 resources/views/posts/index.blade.php [ ]
```

```
... ... @@ -0,0 +1,59 @@
1 + @extends('layouts.app')
2 +
3 + @section('content')
4 + <div class="container">
5 +   <div class="row justify-content-center">
6 +     <div class="col-md-12">
7 +       <div class="card">
8 +         <div class="card-header"><i class="fa fa-list"></i> {{ __('Posts List') }}</div>
9 +
10 +       <div class="card-body">
11 +
12 +         @session('success')
13 +           <div class="alert alert-success" role="alert">
14 +             {{ $value }}
15 +           </div>
16 +         @endsession
17 +
18 +         <p><strong>Create New Post</strong></p>
19 +         <form method="post" action="{{ route('posts.store') }}" enctype="multipart/form-data">
20 +           @csrf
21 +           <div class="form-group">
22 +             <label>Title:</label>
23 +             <input type="text" name="title" class="form-control" />
24 +             @error('title')
25 +               <div class="text-danger">{{ $message }}</div>
26 +             @enderror
27 +           </div>
28 +           <div class="form-group">
29 +             <label>Body:</label>
30 +             <textarea class="form-control" name="body"></textarea>
31 +             @error('body')
32 +               <div class="text-danger">{{ $message }}</div>
33 +             @enderror
34 +           </div>
35 +           <div class="form-group mt-2">
36 +             <button type="submit" class="btn btn-success btn-block"><i class="fa fa-save"></i> Submit</button>
37 +           </div>
38 +         </form>
39 +
40 +         <p class="mt-4"><strong>Post List:</strong></p>
41 +
42 +         <p class="mt-4"><strong>Post List:</strong></p>
43 +
44 +         @foreach($posts as $post)
45 +           <div class="card mt-2">
46 +             <div class="card-body">
47 +               <h5 class="card-title">{{ $post->title }}</h5>
48 +               <p class="card-text">{{ $post->body }}</p>
49 +               <div class="text-end">
50 +                 <a href="{{ route('posts.show', $post->id) }}" class="btn btn-primary">View</a>
51 +               </div>
52 +             </div>
53 +           @endforeach
54 +
55 +         </div>
56 +       </div>
57 +     </div>
58 +   </div>
59 + @endsection
```

Show view

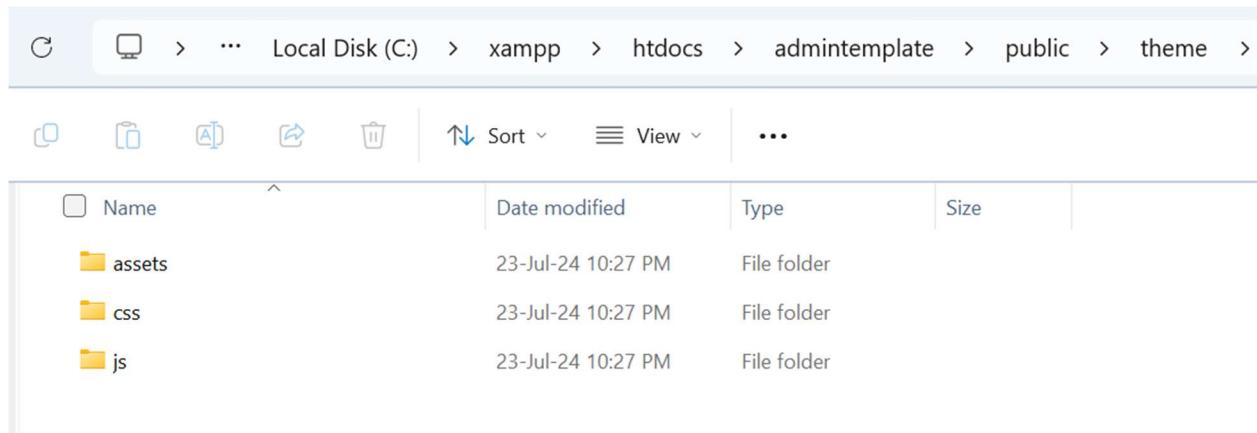
```
▽ 41 resources/views/posts/show.blade.php □
...
@@ -0,0 +1,41 @@
1 + @extends('layouts.app')
2 +
3 + @section('content')
4 + <div class="container">
5 +     <div class="row justify-content-center">
6 +         <div class="col-md-12">
7 +             <div class="card">
8 +                 <div class="card-header"><h1><i class="fa fa-thumbs-up"></i> {{ $post->title }}</h1></div>
9 +
10 +             <div class="card-body">
11 +
12 +                 @session('success')
13 +                     <div class="alert alert-success" role="alert">
14 +                         {{ $value }}
15 +                     </div>
16 +                 @endsession
17 +
18 +             {{ $post->body }}
19 +
20 +             <h4 class="mt-4">Comments:</h4>
21 +
22 +             <form method="post" action="{{ route('posts.comment.store') }}">
23 +                 @csrf
24 +                 <div class="form-group">
25 +                     <textarea class="form-control" name="body" placeholder="Write Your Comment..."/>
26 +                     <input type="hidden" name="post_id" value="{{ $post->id }}"/>
27 +                 </div>
28 +                 <div class="form-group text-end">
29 +                     <button class="btn btn-success mt-2"><i class="fa fa-comment"></i> Add Comment</button>
30 +                 </div>
31 +             </form>
32 +
33 +             <hr/>
34 +             @include('posts.comments', ['comments' => $post->comments, 'post_id' => $post->id])
35 +
36 +         </div>
37 +     </div>
38 +   </div>
39 + </div>
40 + </div>
41 + @endsection
```

How to Integrate Admin Template in Laravel 11?

- **Step 1:** Install Laravel 11
- **Step 2:** Download SB Admin Theme
- **Step 3:** Setup Admin Theme
- **Step 4:** Create Route
- **Step 5:** Create Controller
- **Step 6:** Create Blade Files
- **Step 7:** Create Dummy Records

Step 2: Download SB Admin Theme

<https://startbootstrap.com/template/sb-admin> unzip the file and create a folder called **theme** under public and move the css, js and assets there.



Step 3: Setup Admin Theme

First, we will create "theme" folder in views folder, then we will create the following files:

1. default.blade.php
2. header.blade.php

sidebar.blade.php

footer.blade.php

DEFAULT.BLADE.PHP

```
v 39 resources/views/theme/default.blade.php □
...
... @@ -0,0 +1,39 @@
1 + <!DOCTYPE html>
2 + <html lang="en">
3 +   <head>
4 +     <meta charset="utf-8" />
5 +     <meta http-equiv="X-UA-Compatible" content="IE=edge" />
6 +     <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no" />
7 +     <meta name="description" content="" />
8 +     <meta name="author" content="" />
9 +     <title>Dashboard - SB Admin</title>
10 +    <link href="https://cdn.jsdelivr.net/npm/simple-datatables@7.1.2/dist/style.min.css" rel="stylesheet" />
11 +    <link href="{{ asset('theme/css/styles.css') }}" rel="stylesheet" />
12 +    <script src="https://use.fontawesome.com/releases/v6.3.0/js/all.js" crossorigin="anonymous"></script>
13 +  </head>
14 +  <body class="sb-nav-fixed">
15 +
16 +    @include('theme.header')
17 +
18 +    <div id="layoutSidenav">
19 +
20 +      @include('theme.sidebar')
21 +      <div id="layoutSidenav_content">
22 +
23 +        <main>
24 +          @yield('content')
25 +        </main>
26 +
27 +        @include('theme.footer')
28 +      </div>
29 +    </div>
30 +
31 +    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/js/bootstrap.bundle.min.js" crossorigin="anonymous"></script>
32 +    <script src="{{ asset('theme/js/scripts.js') }}></script>
33 +    <script src="https://cdnjs.cloudflare.com/ajax/libs/Chart.js/2.8.0/Chart.min.js" crossorigin="anonymous"></script>
34 +    <script src="{{ asset('theme/assets/demo/chart-area-demo.js') }}></script>
35 +    <script src="{{ asset('theme/assets/demo/chart-bar-demo.js') }}></script>
36 +    <script src="https://cdn.jsdelivr.net/npm/simple-datatables@7.1.2/dist/umd/simple-datatables.min.js" crossorigin="anonymous"></script>
37 +    <script src="{{ asset('theme/js/datatables-simple-demo.js') }}></script>
38 +  </body>
39 +</html>
```

header.blade.php

```

v 25 resources/views/theme/header.blade.php □ ...
... ... @@ -0,0 +1,25 @@
1 + <nav class="sb-topnav navbar navbar-expand navbar-dark bg-dark">
2 +   <!-- Navbar Brand-->
3 +   <a class="navbar-brand ps-3" href="index.html">Start Bootstrap</a>
4 +   <!-- Sidebar Toggle-->
5 +   <button class="btm btn-link btn-sm order-1 order-lg-0 me-4 me-lg-0" id="sidebarToggle" href="#!"><i class="fas fa-bars"></i></button>
6 +   <!-- Navbar Search-->
7 +   <form class="d-none d-md-inline-block form-inline ms-auto me-0 me-md-3 my-2 my-md-0">
8 +     <div class="input-group">
9 +       <input class="form-control" type="text" placeholder="Search for..." aria-label="Search for..." aria-describedby="btnNavbarSearch" />
10 +      <button class="btn btn-primary" id="btnNavbarSearch" type="button"><i class="fas fa-search"></i></button>
11 +     </div>
12 +   </form>
13 +   <!-- Navbar-->
14 +   <ul class="navbar-nav ms-auto ms-md-0 me-3 me-lg-4">
15 +     <li class="nav-item dropdown">
16 +       <a class="nav-link dropdown-toggle" id="navbarDropdown" href="#" role="button" data-bs-toggle="dropdown" aria-expanded="false"><i class="fas fa-user fa-fw"></i></a>
17 +       <ul class="dropdown-menu dropdown-menu-end" aria-labelledby="navbarDropdown">
18 +         <li><a class="dropdown-item" href="#">Settings</a></li>
19 +         <li><a class="dropdown-item" href="#">Activity Log</a></li>
20 +         <li><hr class="dropdown-divider" /></li>
21 +         <li><a class="dropdown-item" href="#">Logout</a></li>
22 +       </ul>
23 +     </li>
24 +   </ul>
25 + </nav>

```

sidebar.blade.php

```

v 22 resources/views/theme/sidebar.blade.php □ ...
... ... @@ -0,0 +1,22 @@
1 + <div id="layoutSidenav_nav">
2 +   <nav class="sb-sidenav accordion sb-sidenav-dark" id="sidenavAccordion">
3 +     <div class="sb-sidenav-menu">
4 +       <div class="nav">
5 +         <div class="sb-sidenav-menu-heading">Core</div>
6 +         <a class="nav-link" href="/dashboard">
7 +           <div class="sb-nav-link-icon"><i class="fas fa-tachometer-alt"></i></div>
8 +           Dashboard
9 +         </a>
10 +        <div class="sb-sidenav-menu-heading">Interface</div>
11 +        <a class="nav-link" href="/users">
12 +          <div class="sb-nav-link-icon"><i class="fas fa-columns"></i></div>
13 +          Users
14 +        </a>
15 +      </div>
16 +    </div>
17 +    <div class="sb-sidenav-footer">
18 +      <div class="small">Logged in as:</div>
19 +      Start Bootstrap
20 +    </div>
21 +  </nav>
22 + </div>

```

footer.blade.php

```
v 12 resources/views/theme/footer.blade.php □ ...
... ... @@ -0,0 +1,12 @@
1 + <footer class="py-4 bg-light mt-auto">
2 +   <div class="container-fluid px-4">
3 +     <div class="d-flex align-items-center justify-content-between small">
4 +       <div class="text-muted">Copyright © Your Website 2023</div>
5 +       <div>
6 +         <a href="#">Privacy Policy</a>
7 +
8 +         <a href="#">Terms & Conditions
9 +       </div>
10 +      </div>
11 +    </div>
12 +  </footer>
```

Step 4: Create Route

```
v 9 routes/web.php □ ...
... ... @@ -1,6 +1,8 @@
1 <?php
2
3 use Illuminate\Support\Facades\Route;
4 + use App\Http\Controllers\UserController;
5 +
6
5 7 /*
6 8 |-----+
... @@ -17,6 +19,13 @@
17 19   return view('welcome');
18 20 };
19 21
22 +
23 + Route::get('dashboard', [UserController::class, 'dashboard']);
24 + Route::get('users', [UserController::class, 'users']);
25 +
26 Auth::routes();
27
28 Route::get('/home', [App\Http\Controllers\HomeController::class, 'index'])->name('home');
29 +
30 +
31 +
```

Step 5: Create Controller

```
php artisan make Controller UserController
```

```
3  namespace App\Http\Controllers;
4
5  use Illuminate\Http\Request;
6  use App\Models\User;
7
8  class UserController extends Controller
9  {
10
11     /**
12      * Write code on Method
13      *
14      * @return response()
15     */
16     public function dashboard(Request $request)
17     {
18         return view('dashboard');
19     }
20
21     /**
22      * Write code on Method
23      *
24      * @return response()
25     */
26     public function users(Request $request)
27     {
28         $users = User::paginate(10);
29         return view('users', compact('users'));
30     }
31 }
```

Step 6: Create Blade Files

resources/views/dashboard.blade.php

```
 68 resources/views/dashboard.blade.php □
...
...
@@ -0,0 +1,68 @@
1 + @extends('theme.default')
2 +
3 + @section('content')
4 + <div class="container-fluid px-4">
5 +   <h1 class="mt-4">Dashboard</h1>
6 +   <ol class="breadcrumb mb-4">
7 +     <li class="breadcrumb-item active">Dashboard</li>
8 +   </ol>
9 +   <div class="row">
10 +     <div class="col-xl-3 col-md-6">
11 +       <div class="card bg-primary text-white mb-4">
12 +         <div class="card-body">Primary Card</div>
13 +         <div class="card-footer d-flex align-items-center justify-content-between">
14 +           <a class="small text-white stretched-link" href="#">View Details</a>
15 +           <div class="small text-white"><i class="fas fa-angle-right"></i></div>
16 +         </div>
17 +       </div>
18 +     </div>
19 +     <div class="col-xl-3 col-md-6">
20 +       <div class="card bg-warning text-white mb-4">
21 +         <div class="card-body">Warning Card</div>
22 +         <div class="card-footer d-flex align-items-center justify-content-between">
23 +           <a class="small text-white stretched-link" href="#">View Details</a>
24 +           <div class="small text-white"><i class="fas fa-angle-right"></i></div>
25 +         </div>
26 +       </div>
27 +     </div>
28 +     <div class="col-xl-3 col-md-6">
29 +       <div class="card bg-success text-white mb-4">
30 +         <div class="card-body">Success Card</div>
31 +         <div class="card-footer d-flex align-items-center justify-content-between">
32 +           <a class="small text-white stretched-link" href="#">View Details</a>
33 +           <div class="small text-white"><i class="fas fa-angle-right"></i></div>
34 +         </div>
35 +       </div>
36 +     </div>
```

```
37 +         <div class="col-xl-3 col-md-6">
38 +             <div class="card bg-danger text-white mb-4">
39 +                 <div class="card-body">Danger Card</div>
40 +                 <div class="card-footer d-flex align-items-center justify-content-between">
41 +                     <a class="small text-white stretched-link" href="#">View Details</a>
42 +                     <div class="small text-white"><i class="fas fa-angle-right"></i></div>
43 +                 </div>
44 +             </div>
45 +         </div>
46 +     </div>
47 +     <div class="row">
48 +         <div class="col-xl-6">
49 +             <div class="card mb-4">
50 +                 <div class="card-header">
51 +                     <i class="fas fa-chart-area me-1"></i>
52 +                     Area Chart Example
53 +                 </div>
54 +                 <div class="card-body"><canvas id="myAreaChart" width="100%" height="40"></canvas></div>
55 +             </div>
56 +         </div>
57 +         <div class="col-xl-6">
58 +             <div class="card mb-4">
59 +                 <div class="card-header">
60 +                     <i class="fas fa-chart-bar me-1"></i>
61 +                     Bar Chart Example
62 +                 </div>
63 +                 <div class="card-body"><canvas id="myBarChart" width="100%" height="40"></canvas></div>
64 +             </div>
65 +         </div>
66 +     </div>
67 + </div>
68 + @endsection
```

resources/views/users.blade.php

```
v 31 resources/views/users.blade.php □
...
@@ -0,0 +1,31 @@
+ @extends('theme.default')
+
+ @section('content')
+ <div class="container-fluid px-4">
+     <h1 class="mt-4">Users</h1>
+     <div class="row">
+         <table class="table table-bordered data-table">
+             <thead>
+                 <tr>
+                     <th>ID</th>
+                     <th>Name</th>
+                     <th>Email</th>
+                 </tr>
+             </thead>
+             <tbody>
+                 @forelse($users as $user)
+                     <tr>
+                         <td>{{ $user->id }}</td>
+                         <td>{{ $user->name }}</td>
+                         <td>{{ $user->email }}</td>
+                     </tr>
+                 @empty
+                     <tr>
+                         <td colspan="3">There are no users.</td>
+                     </tr>
+                 @endforelse
+             </tbody>
+         </table>
+     </div>
+ </div>
+ @endsection
```

Updated

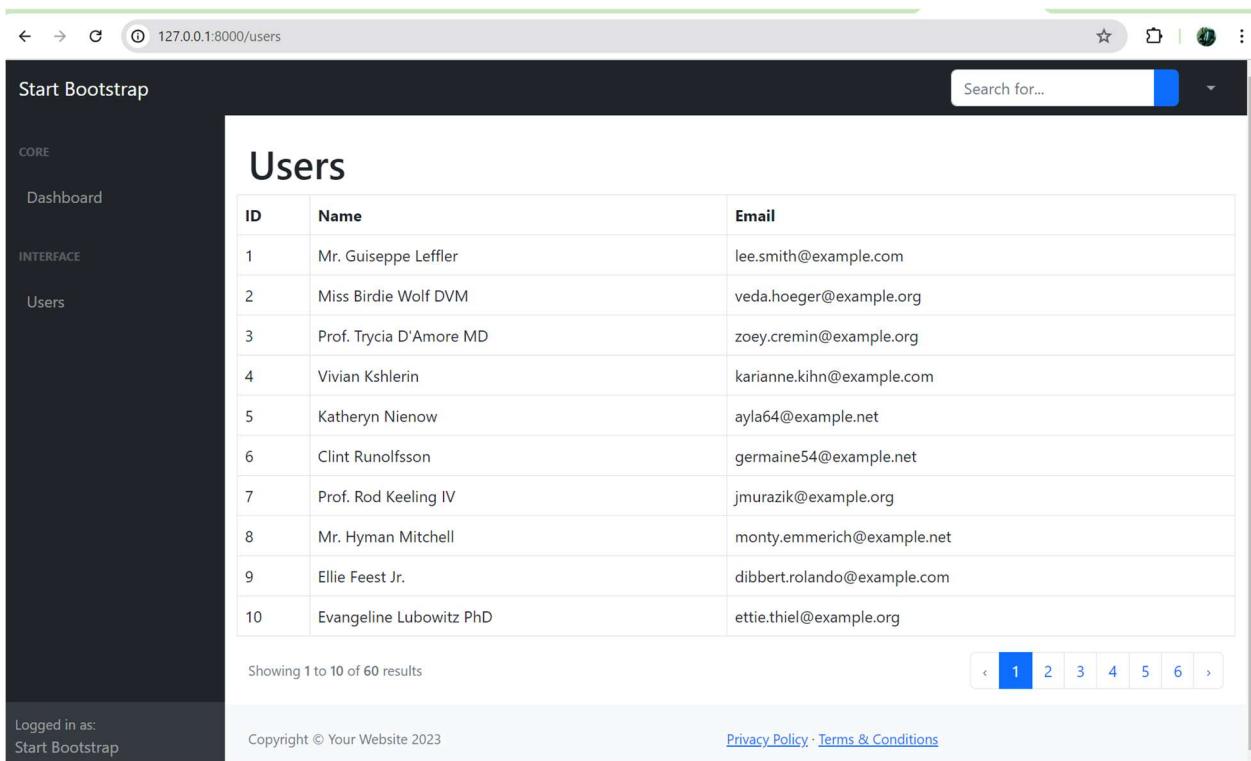
```
v 1 resources/views/users.blade.php □
↑ @@ -26,6 +26,7 @@
26    26          @endforelse
27    27          </tbody>
28    28          </table>
29    +          {!! $users->withQueryString()->links('pagination::bootstrap-5') !!}
29    30      </div>
30    31  </div>
31    32  @endsection
```

Step 7: Create Dummy Records:

Type this on the command line.

```
php artisan tinker  
  
User::factory()->count(30)->create()
```

Automatically users will be created.



ID	Name	Email
1	Mr. Guiseppe Leffler	lee.smith@example.com
2	Miss Birdie Wolf DVM	veda.hoeger@example.org
3	Prof. Trycia D'Amore MD	zoey.cremin@example.org
4	Vivian Kshlerin	karianne.kihn@example.com
5	Katheryn Nienow	ayla64@example.net
6	Clint Runolfsson	germaine54@example.net
7	Prof. Rod Keeling IV	jmurazik@example.org
8	Mr. Hyman Mitchell	monty.emmerich@example.net
9	Ellie Feest Jr.	dibbert.rolando@example.com
10	Evangeline Lubowitz PhD	ettie.thiel@example.org

Showing 1 to 10 of 60 results

Logged in as:
Start Bootstrap

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Start Bootstrap

Search for...

CORE

Dashboard

INTERFACE

Users

Dashboard

Dashboard

Primary Card

View Details

Warning Card

View Details

Success Card

View Details

Danger Card

View Details

Area Chart Example

Bar Chart Example

Logged in as:
Start Bootstrap

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This screenshot shows a dashboard template from Start Bootstrap. The sidebar on the left contains navigation links for 'CORE' (Dashboard) and 'INTERFACE' (Users). The main content area features a title 'Dashboard' with a subtitle 'Dashboard'. Below the title are four colored cards: 'Primary Card' (blue), 'Warning Card' (yellow), 'Success Card' (green), and 'Danger Card' (red), each with a 'View Details' button. Underneath the cards are two chart examples: 'Area Chart Example' and 'Bar Chart Example'. At the bottom of the page, there's a footer bar with user information ('Logged in as: Start Bootstrap'), copyright details ('Copyright © Your Website 2023'), and links to 'Privacy Policy' and 'Terms & Conditions'.

Displaying The Total Number of Users

```
diff --git app/Http/Controllers/UserController.php app/Http/Controllers/UserController.php
--- app/Http/Controllers/UserController.php (revision 4)
+++ app/Http/Controllers/UserController.php (revision 8)
@@ -14,7 +14,8 @@ class UserController extends Controller
14   *
15   * @param Request $request
16   */
17 - return view('dashboard');
17 + $userCount = User::count();
18 + return view('dashboard', compact('userCount'));
19 }
20 /**
21 */
22 /**
23  * @param Request $request
24  */
25 public function users(Request $request)
26 {
27   $users = User::paginate(10);
28   return view('users', compact('users'));
29   $userCount = User::count();
30 }
31 }
```

This screenshot shows a code diff interface comparing two versions of the 'UserController.php' file. The top part of the code remains the same across both versions. In the second version, line 17 has been modified to calculate the total number of users using the 'User::count()' method and pass it to the 'dashboard' view. The bottom part of the code also remains the same between the two versions.

The screenshot shows a code diff interface comparing two versions of a Blade template file. The top bar indicates the file is 'resources/views/dashboard.blade.php' and has a revision number '4'. The diff shows the following changes:

Line	Old Value	New Value
9	<div class="row">	<div class="row">
10	<div class="col-12 col-md-6">	<div class="col-12 col-md-6">
11	<div class="card bg-primary text-white mb-4">	<div class="card bg-primary text-white mb-4">
12	- <div class="card-body">Primary Card</div>	+ <div class="card-body">TOTAL NUMBER OF USERS</div>
13	<div class="card-footer d-flex align-items-center justify-content-between">	<div class="card-footer d-flex align-items-center justify-content-between">
14	- View Details	+ {{ \$userCount }}
15	<div class="small text-white"><i class="fas fa-angle-right"></i></div>	<div class="small text-white"><i class="fas fa-angle-right"></i></div>
16	</div>	</div>
17	</div>	</div>

Below the table, there is a small '...' icon.

Search Autocomplete

- app/Http/Controllers/UserController.php
 - resources/views/searchdemo.blade.php
 - routes/web.php
-
- app/Http/Controllers/UserController.php

```
✓ ⏵ 22 ████ █ app/Http/Controllers/UserController.php □
.... @@ -4,7 +4,8 @@
4   4
5   5     use Illuminate\Http\Request;
6   6     use App\Models\User;
7   -7 + use Illuminate\View\View;
8   8 + use Illuminate\Http\JsonResponse;
9   9     class UserController extends Controller
10  10    {
11  11      /**
@@ -30,4 +31,23 @@ public function users(Request $request)
30  31         return view('users', compact('users'));
31  32         $userCount = User::count();
32  33     }
34  +
35  +
36  +     public function mysearch(): View
37  +
38  +     {
39  +         return view('searchdemo');
40  +
41  +     public function autocomplete(Request $request): JsonResponse
42  +
43  +     {
44  +         $data = User::select("name")
45  +             ->where('name', 'LIKE', '%'. $request->get('query'). '%')
46  +             ->take(10)
47  +             ->get();
48  +
49  +         return response()->json($data);
50  +
51  +
52  +
33  53     }
```

- resources/views/searchdemo.blade.php

```
✓ 48 resources/views/searchdemo.blade.php □

... ... @@ -0,0 +1,48 @@
1 + <!DOCTYPE html>
2 + <html>
3 + <head>
4 +   <title>Laravel 11 Autocomplete Search from Database - ItSolutionStuff.com</title>
5 +   <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet">
6 +   <script src="https://cdnjs.cloudflare.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
7 +   <script src="https://cdnjs.cloudflare.com/ajax/libs/bootstrap-typeahead/4.0.1/bootstrap3-typeahead.min.js"></script>
8 + </head>
9 + <body>
10 +
11 + <div class="container">
12 +   <div class="card mt-5">
13 +     <h3 class="card-header p-3">Laravel 11 Autocomplete Search from Database - ItSolutionStuff.com</h3>
14 +     <div class="card-body">
15 +
16 +       <form actions="#" method="POST" enctype="multipart/form-data" class="mt-2">
17 +         @csrf
18 +
19 +         <input class="typeahead form-control" id="search" type="text">
20 +
21 +         <div class="mb-3 mt-3">
22 +           <button type="submit" class="btn btn-success">Submit</button>
23 +         </div>
24 +
25 +       </form>
26 +     </div>
27 +   </div>
28 +
29 + </div>
30 +
31 + <script type="text/javascript">
32 +
33 +   var path = "{{ route('autocomplete') }}";
34 +
35 +   $('#search').typeahead({
36 +     source: function (query, process) {
37 +       return $.get(path, {
38 +         query: query
39 +       }, function (data) {
40 +         return process(data);
41 +       });
42 +     }
43 +   });
44 +
45 + </script>
46 +
47 + </body>
48 + </html>
```

- routes/web.php



```
(routes/web.php)
@@ -27,5 +27,8 @@
27   27
28   28     Route::get('/home', [App\Http\Controllers\HomeController::class, 'index'])->name('home');
29   29
30 + Route::get('searchdemo', [UserController::class, 'mysearch']);
31 + Route::get('autocomplete', [UserController::class, 'autocomplete'])->name('autocomplete');
32 +
33
34
```

QR CODE IMAGE SCAN, UPLOAD AND VIEW IMAGES

- app/Http/Controllers/ImageController.php
- app/Models/Image.php
- database/migrations/2024_08_06_191848_create_images_table.php
- resources/views/qr-code.blade.php
- resources/views/upload-form.blade.php
- resources/views/view-images.blade.php
- routes/web.php

Step 2: Generate QR Code

Install a QR code generation package like `simplesoftwareio/simple-qrcode`:

bash

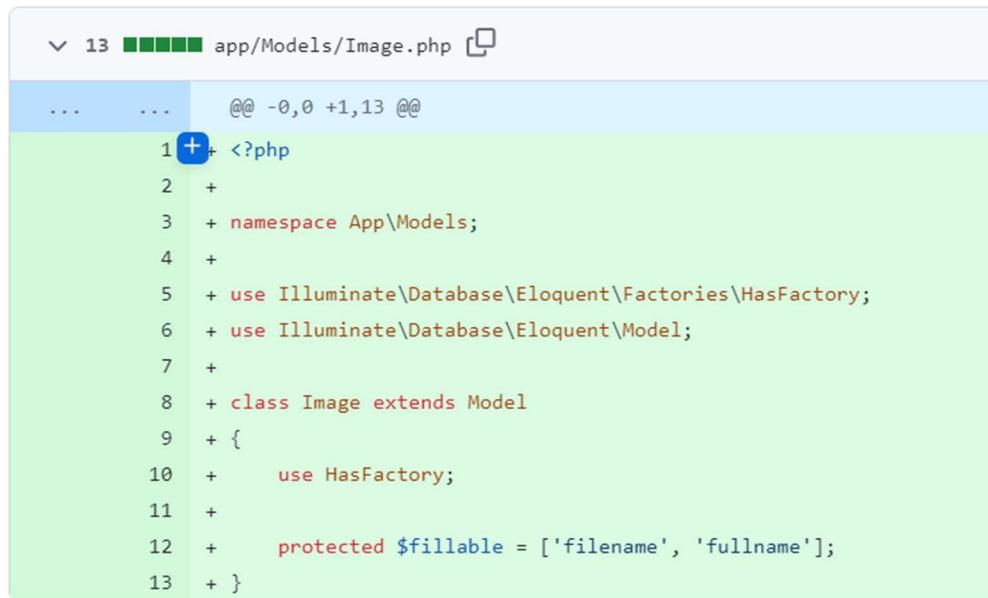
```
composer require simplesoftwareio/simple-qrcode
```

- app/Http/Controllers/ImageController.php

```
✓ 44 ━━━━━━ app/Http/Controllers/ImageController.php [ ]  
...     ... @@ -0,0 +1,44 @@  
1  + <?php  
2  +  
3  + namespace App\Http\Controllers;  
4  +  
5  + use Illuminate\Http\Request;  
6  + use App\Models\Image;  
7  + use SimpleSoftwareIO\QrCode\Facades\QrCode;  
8  +  
9  + class ImageController extends Controller  
10 + {  
11 +     public function generateQrCode()  
12 +     {  
13 +         return view('qr-code');  
14 +     }  
15 +  
16 +     public function showUploadForm()  
17 +     {  
18 +         return view('upload-form');  
19 +     }  
20 +  
21 +     public function uploadImage(Request $request)  
22 +     {  
23 +         $request->validate([  
24 +             'fullname' => 'required|string|max:255',  
25 +             'image' => 'required|image|mimes:jpeg,png,jpg,gif|max:2048',  
26 +         ]);  
27 +  
28 +         $imageName = time() . '.' . $request->image->extension();  
29 +         $request->image->storeAs('public', $imageName);  
30 +     }
```

```
31 +         Image::create([
32 +             'fullname' => $request->fullname, // Save the full name
33 +             'filename' => $imageName
34 +         ]);
35 +
36 +     return back()->with('success', 'Image uploaded successfully.');
37 +
38 +
39 +     public function viewImages()
40 +     {
41 +         $images = Image::all();
42 +         return view('view-images', compact('images'));
43 +     }
44 + }
```

- app/Models/Image.php



```
@@ -0,0 +1,13 @@
1 + <?php
2 +
3 + namespace App\Models;
4 +
5 + use Illuminate\Database\Eloquent\Factories\HasFactory;
6 + use Illuminate\Database\Eloquent\Model;
7 +
8 + class Image extends Model
9 + {
10 +     use HasFactory;
11 +
12 +     protected $fillable = ['filename', 'fullname'];
13 + }
```

- database/migrations/2024_08_06_191848_create_images_table.php

```
 30 database/migrations/2024_08_06_191848_create_images_table.php □
...
... @@ -0,0 +1,30 @@
1 + <?php
2 +
3 + use Illuminate\Database\Migrations\Migration;
4 + use Illuminate\Database\Schema\Blueprint;
5 + use Illuminate\Support\Facades\Schema;
6 +
7 + return new class extends Migration
8 + {
9 +     /**
10 +      * Run the migrations.
11 +      */
12 +     public function up(): void
13 +     {
14 +         Schema::create('images', function (Blueprint $table) {
15 +             $table->id();
16 +             $table->string('filename');
17 +             $table->string('fullname'); // Add this line
18 +             $table->timestamps();
19 +
20 +         });
21 +     }
22 +
23 +     /**
24 +      * Reverse the migrations.
25 +      */
26 +     public function down(): void
27 +     {
28 +         Schema::dropIfExists('images');
29 +     }
30 + };
```

- resources/views/qr-code.blade.php



```
...     ... @@ -0,0 +1,11 @@
1   + <!DOCTYPE html>
2   + <html>
3   + <head>
4   +     <title>QR Code</title>
5   + </head>
6   + <body>
7   +     <div>
8   +         {!! QrCode::size(250)->generate(url('/upload')) !!}
9   +     </div>
10  + </body>
11  + </html>
```

- resources/views/upload-form.blade.php

```
▽ 18 ████ resources/views/upload-form.blade.php □
...
... @@ -0,0 +1,18 @@
1 + <!DOCTYPE html>
2 + <html>
3 + <head>
4 +   <title>Upload Image</title>
5 + </head>
6 + <body>
7 +   @if (session('success'))
8 +     <p>{{ session('success') }}</p>
9 +   @endif
10 +
11 +   <form action="/upload" method="post" enctype="multipart/form-data">
12 +     @csrf
13 +     <input type="text" name="fullname" placeholder="Full Name" required>
14 +     <input type="file" name="image" required>
15 +     <button type="submit">Upload</button>
16 +   </form>
17 + </body>
18 + </html>
```

- resources/views/view-images.blade.php

```
▽ 14 ████ resources/views/view-images.blade.php □
...
... @@ -0,0 +1,14 @@
1 + <!DOCTYPE html>
2 + <html>
3 + <head>
4 +   <title>Uploaded Images</title>
5 + </head>
6 + <body>
7 +   @foreach ($images as $image)
8 +     <div>
9 +       <p>{{ $image->fullname }}</p> 
10 +      
11 +     </div>
12 +   @endforeach
13 + </body>
14 + </html>
```

- routes/web.php

```
@@ -1,7 +1,8 @@
1     1     <?php
2     -
3     2     + use App\Http\Controllers\ImageController;
4     3     use Illuminate\Support\Facades\Route;
5     4     use App\Http\Controllers\UserController;
6     5     + use Illuminate\Support\Facades\Auth;
7     6
8     7
9     8     /*
10    ...
11    ↓
12    ↑
13    @@ -31,4 +32,16 @@
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31     32     Route::get('autocomplete', [UserController::class, 'autocomplete'])->name('autocomplete');
32
33
34
35     + /*
36     + SCAN QRCODE IMAGE UPLOADING
37     +
38     + */
39
40     + Route::get('/generate-qr', [ImageController::class, 'generateQrCode']);
41     + Route::get('/upload', [ImageController::class, 'showUploadForm']);
42     + Route::post('/upload', [ImageController::class, 'uploadImage']);
43     + Route::get('/images', [ImageController::class, 'viewImages']);
44
45
46
34     47
```

Output

<http://127.0.0.1:8000/generate-qr>



<http://127.0.0.1:8000/upload>

Kayode Akinsete

Choose file

image13.jpg

Upload

<http://127.0.0.1:8000/images>

Kayode Akinsete



kemi bisi

Segun Arinze



chindma amadi



Kayode Akinsete

