

ONLINE AIRBNB BOOKING SYSTEM

GROUP NAME: P1_04

GROUP MEMBER:

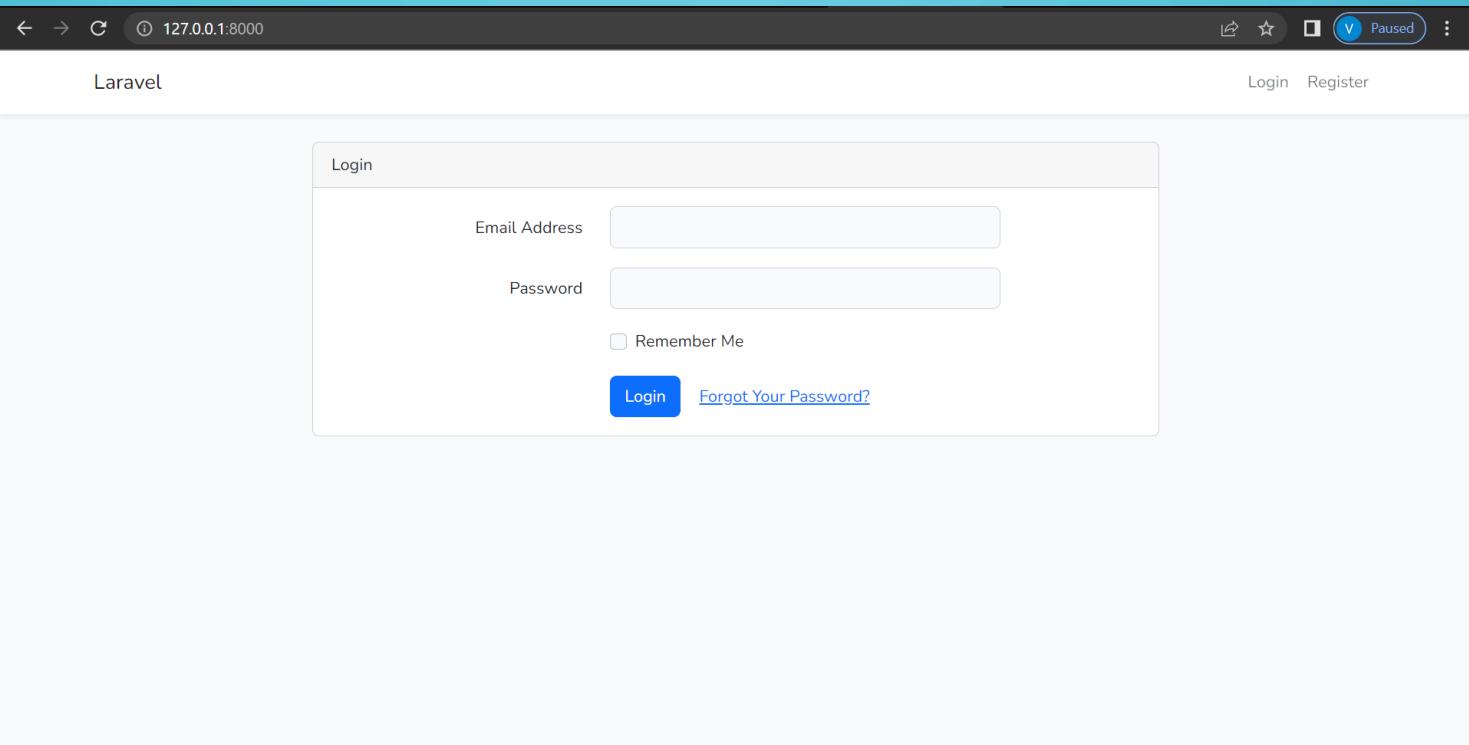
SO KEAN FONG 1806887

CHOW KUN YAW 1702473

LIM CHUN KEAT 2004109

LIM XIAO CI 2000370

LOGIN PAGE AND AFTER LOGOUT



REGISTER PAGE

Laravel

Login Register

Register

Username

Fullname

Mobile number

Address

Email Address

Password

Confirm Password

FORGOT PASSWORD PAGE

Laravel

Login Register

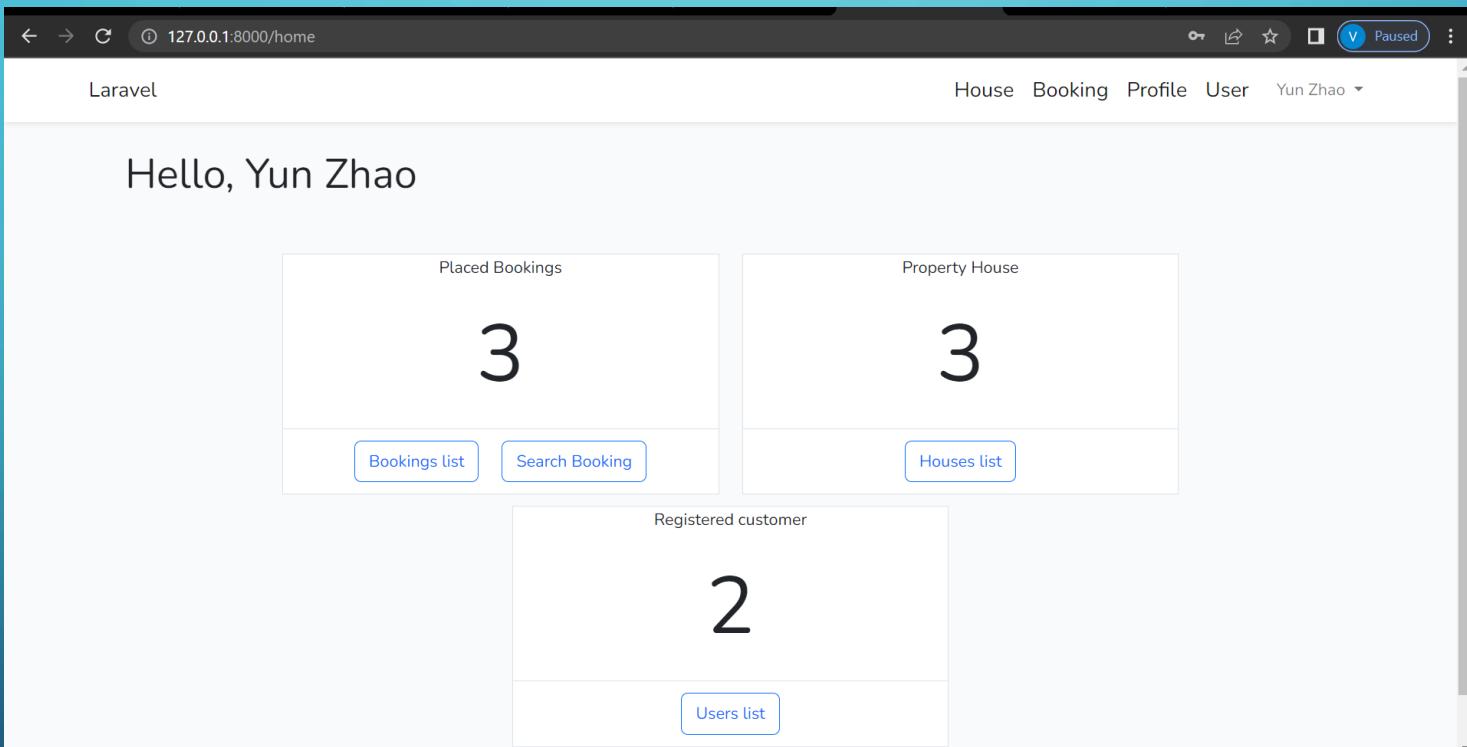
Reset Password

Email Address

[Send Password Reset Link](#)

ADMIN PART

ADMIN MAIN PAGE



VIEW BOOKING LIST

Laravel

House Booking Profile User Yun Zhao ▾

Booking List

#	Booking ID	Customer Name	Houses	Total booking price	Booking Placed	Placed Time	Status	Booked houses	Action
1	ID12	tester	0 houses	RM 0	2023-04-17	06:34:53	processing	View Details	Edit
2	ID11	tester	1 houses	RM 80	2023-04-16	22:04:50	processing	View Details	Edit
3	ID10	tester	0 houses	RM 80	2023-04-16	22:02:44	processing	View Details	Edit

Laravel

House Booking Profile User Yun Zhao ▾

Customer Fullname: tester
Customer Username: tester123
Email: tester123@gmail.com
Phone number: 0123456789
Address: sungai long

Booking Placed: 2023-04-16 22:04:50
Booking status: processing
Total booking price: RM80

Booked Houses

Property house Booked:
1. single

[close](#)

EDIT BOOKING LIST

Laravel

House Booking Profile User Yun Zhao ▾

Customer Fullname: tester
Customer Username: tester123
Email: tester123@gmail.com
Phone number: 0123456789
Address: sungai long

Edit booking

Total booking price: RM80
Booking Placed: 2023-04-16 22:04:50
Booking status: processing

Property House booked :

1. single

[cancel](#) [submit](#)

SEARCH BOOKING

Laravel

House Booking Profile User Yun Zhao ▾

Search Booking

tester

Cancel

Search

Laravel

House Booking Profile User Yun Zhao ▾

Search Booking

Search with booking status or customer name

Cancel

Search

Search Result

Bookings list

Booking

#	ID	Customer Name	Houses	Total booking price	Booking Placed	Placed Time	Status	Action
1	ID11	tester	1 houses	RM 80	2023-04-16	22:04:50	processing	View Details

VIEW PROPERTY HOUSE LIST

Laravel

House Booking Profile User Yun Zhao ▾

Property House List [+ add House](#)

#	House ID	Title	Description	Category	Picture	Checkin	Checkout	Price	Action
1	ID1	single	For 1 person	single		2023-04-29	2023-05-04	100	Edit Delete
2	ID2	Duo	For 2 person	duo		2023-04-29	2023-05-06	100	Edit Delete
3	ID3	Family	For family	family		2023-04-29	2023-05-04	100	Edit Delete

ADD HOUSE

Laravel

House Booking Profile User Yun Zhao ▾

Add House

Title

House

Description

House Example

Category

Family

Checkin

04/29/2023



Checkout

05/06/2023



Upload Image (Max: 2000Kb / 2Mb)

Choose File house.jifif

cancel

submit

Laravel

House Booking Profile User Yun Zhao ▾

Property House added successfully.



EDIT HOUSE

Edit House ID4: House

Title
House

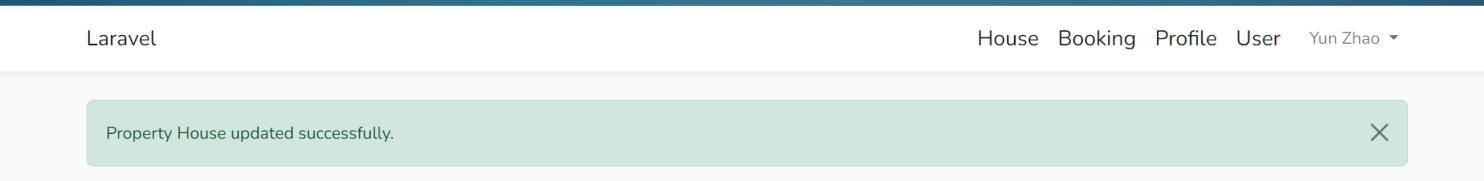
Description
House Example 1

Category
Family

Checkin
04/29/2023

Checkout
05/06/2023

Upload Image (Max: 2000Kb / 2Mb)
 No file chosen



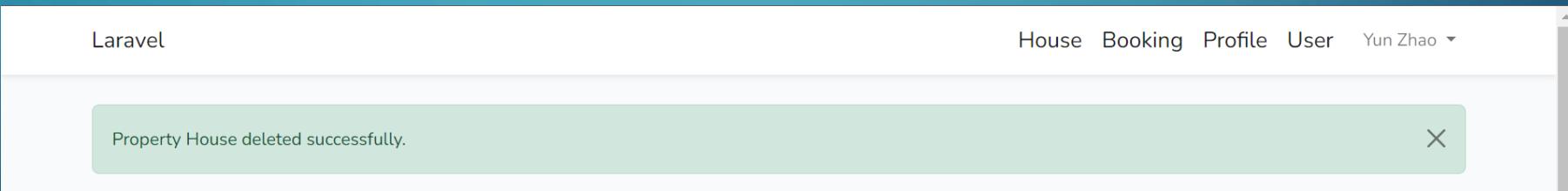
DELETE HOUSE

4	ID4	House	House Example 1	family		2023-04-29	2023-05-06	100	<button>Edit</button> <button>Delete</button>
5	ID5	use to delete	use to delete	single		2023-04-29	2023-04-30	100	<button>Edit</button> <button>Delete</button>

Are you sure?

Do you really want to delete this house record?
House name: **use to delete**
This process cannot be undone.

Cancel Delete



VIEW USER LIST

Laravel

House Booking Profile User Yun Zhao ▾

Registered User List

User #	ID	Username	Fullname	Email Address	Mobile number	Address	Role	Registered Date	Action
1	ID3	Yun Zhao	yunzhao	yunzhao@gmail.com	0123456789	kl	admin	2023-04-14	View Booking
2	ID5	tester123	tester	tester123@gmail.com	0123456789	sungai long	user	2023-04-16	View Booking
3	ID4	lol	lol	lol@gmail.com	01234567890	kl	user	2023-04-14	View Booking

Laravel

House Booking Profile User Yun Zhao ▾

Customer Username: tester123
Customer Fullname: tester
Email: tester123@gmail.com
Mobile number: 0123456789
Address: sungai long

Customer Booking History

Booking #	ID	Houses	Total booking price	Booking Placed	Placed Time	Status	Action
1	ID12	0 houses	RM 0	2023-04-17	06:34:53	processing	View Details
2	ID11	1 houses	RM 80	2023-04-16	22:04:50	processing	View Details
3	ID10	0 houses	RM 80	2023-04-16	22:02:44	processing	View Details

Laravel

House Booking Profile User Yun Zhao ▾

Booked Houses

Customer Username: tester123
Customer Fullname: tester
Email: tester123@gmail.com
Mobile number: 0123456789
Address: sungai long

Customer Booking History

Booking #	ID	Houses	Total booking price	Booking Placed	Placed Time	Status	Action
1	ID12	0 houses	RM 0	2023-04-17	06:34:53	processing	View Details
2	ID11	1 houses	RM 80	2023-04-16	22:04:50	processing	View Details
3	ID10	0 houses	RM 80	2023-04-16	22:02:44	processing	View Details

VIEW ADMIN PROFILE

Laravel

House Booking Profile User Yun Zhao ▾

Profile

Username	<input type="text" value="Yun Zhao"/>
Fullname	<input type="text" value="yunzhao"/>
Mobile number	<input type="text" value="0123456789"/>
Address	<input type="text" value="kl"/>
Email Address	<input type="text" value="yunzhao@gmail.com"/>

Update

Password

Old password	<input type="password"/>
New password	<input type="password"/>
Confirm new password	<input type="password"/>

Update

UPDATE ADMIN PROFILE

Laravel

House Booking Profile User Yun Zhao ▾

Profile

Username	<input type="text" value="Yun Zhao"/>
Fullname	<input type="text" value="yunzhao"/>
Mobile number	<input type="text" value="0123456789"/>
Address	<input type="text" value="kl"/>
Email Address	<input type="text" value="yunzhao@gmail.com"/>

Update

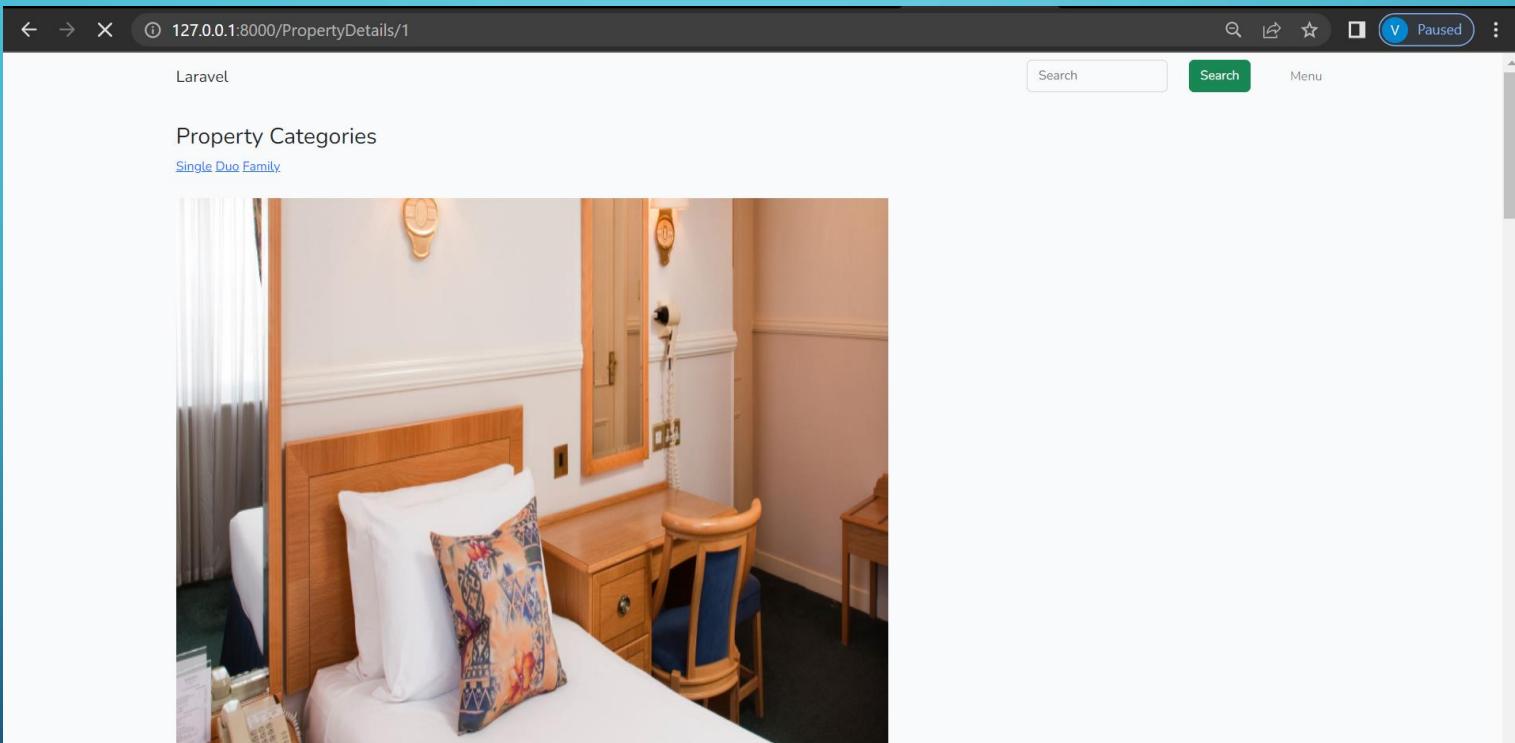
Password

Old password	<input type="text" value="Yunzhao123!"/>
New password	<input type="text" value="Yunzhao12345!"/>
Confirm new password	<input type="text" value="Yunzhao12345!"/>

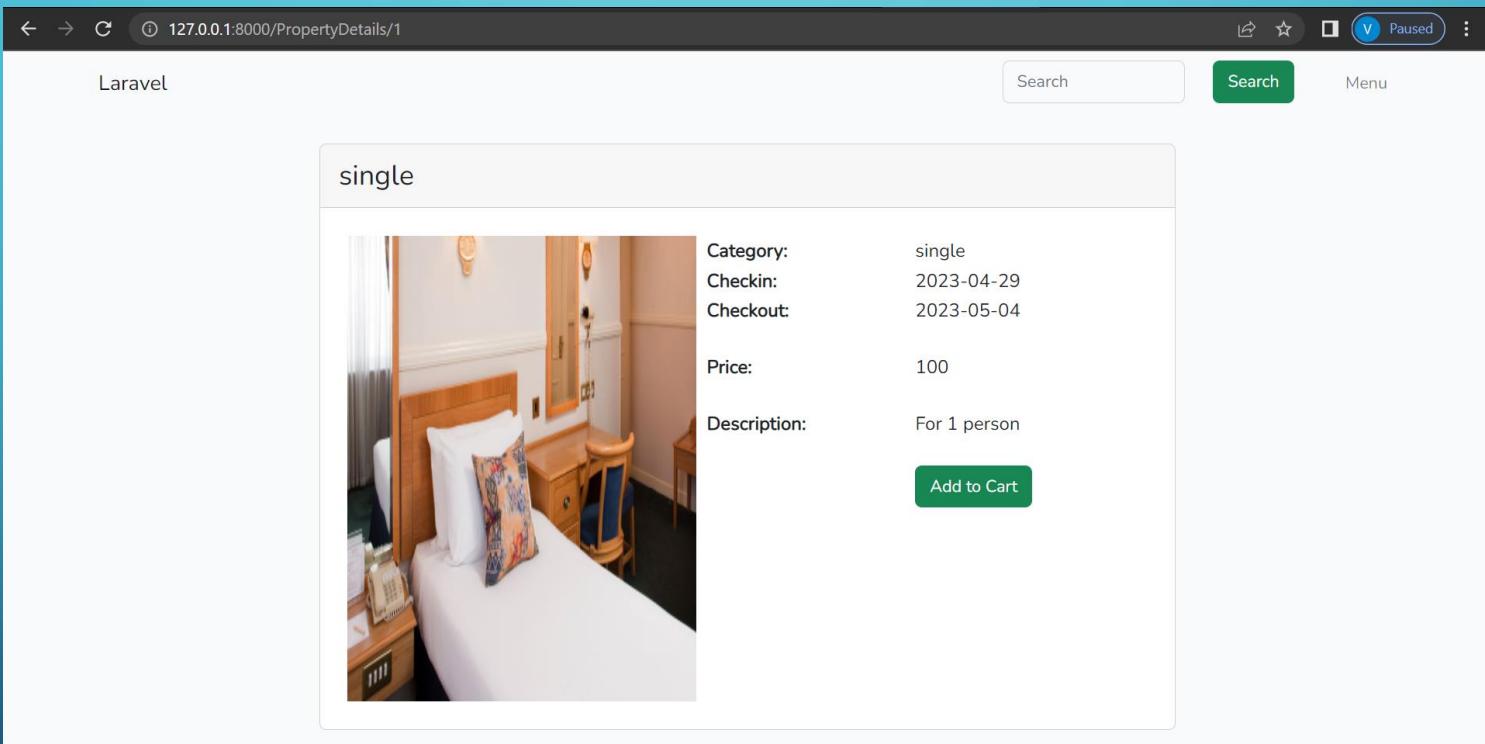
Update

USER PART

USER MAIN PAGE



VIEW PROPERTY HOUSE



CREATE BOOKING

Laravel

Property House cart added successfully.

single



Category: single
Checkin: 2023-04-29
Checkout: 2023-05-04
Price: 100
Description: For 1 person

Add to Cart

Search Search Menu

VIEW BOOKING LIST

The screenshot shows a web browser window with the URL `127.0.0.1:8000/customer_booking`. The page title is "Laravel". At the top right are icons for refresh, star, and a dropdown menu. A green button labeled "Paused" with a play/pause icon is also present. Below the title bar is a search bar with placeholder "Search" and a green "Search" button. To the right is a "Menu" link.

The main content area is titled "Booking List". It features a table with the following data:

#	Booking ID	Customer Name	Houses	Total booking price	Booking Placed	Placed Time	Status	Booked houses
1	ID13	tester	1 houses	RM 80	2023-04-17	11:14:31	processing	View Details
2	ID12	tester	0 houses	RM 0	2023-04-17	06:34:53	processing	View Details
3	ID11	tester	1 houses	RM 80	2023-04-16	22:04:50	processing	View Details
4	ID10	tester	0 houses	RM 80	2023-04-16	22:02:44	processing	View Details

VIEW BOOKING LIST

Laravel

Search Search Menu

Customer Fullname: tester
Customer Username: tester123
Email: tester123@gmail.com
Phone number: 0123456789
Address: sungai long

Booking Placed: 2023-04-16 22:04:50
booking status: processing
Total booking price: RM80

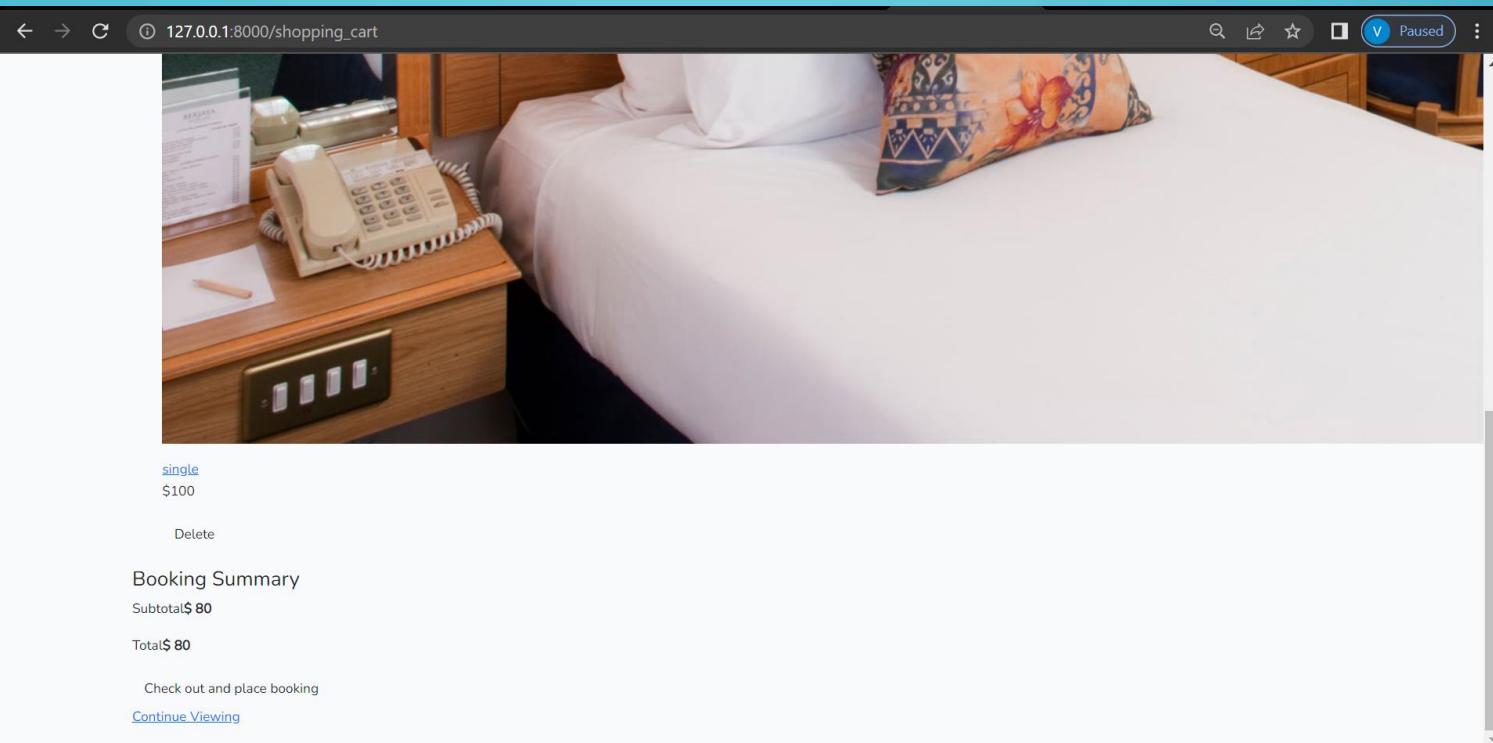
Booked Houses

Property house booked:

1. single

[close](#)

VIEW BOOKING



DELETE BOOKING

Laravel

Search Menu

Cart item deleted successfully.

Property Houses

Booking Summary

Subtotal \$ 0

Total \$ 0

Check out and place booking

[Continue Viewing](#)

CONFIRM BOOKING

Laravel

Search Menu

Property House Booking placed successfully.

Property Houses
[Your cart is empty.](#)

VIEW PROFILE

Laravel

Search Search Menu

Profile

Username	<input type="text" value="tester123"/>
Fullname	<input type="text" value="tester"/>
Mobile number	<input type="text" value="0123456789"/>
Address	<input type="text" value="sungai long"/>
Email Address	<input type="text" value="tester123@gmail.com"/>

Update

Password

Old password	<input type="text"/>
New password	<input type="text"/>
Confirm new password	<input type="text"/>

Update

EDIT PROFILE

Laravel

Profile

Username	tester123
Fullname	tester
Mobile number	0123456789
Address	sungai long
Email Address	tester123@gmail.com

Update

Password

Old password	Tester12345!
New password	Tester1234567!
Confirm new password	Tester1234567!

Update

Laravel

 Profile updated successfully.

USER – SEARCH HOUSE

single

Search

← → ⌂ ⓘ 127.0.0.1:8000/my-search?search=single

Paused

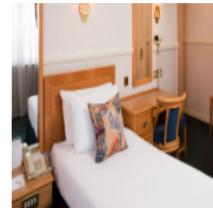
Laravel

Search

Search

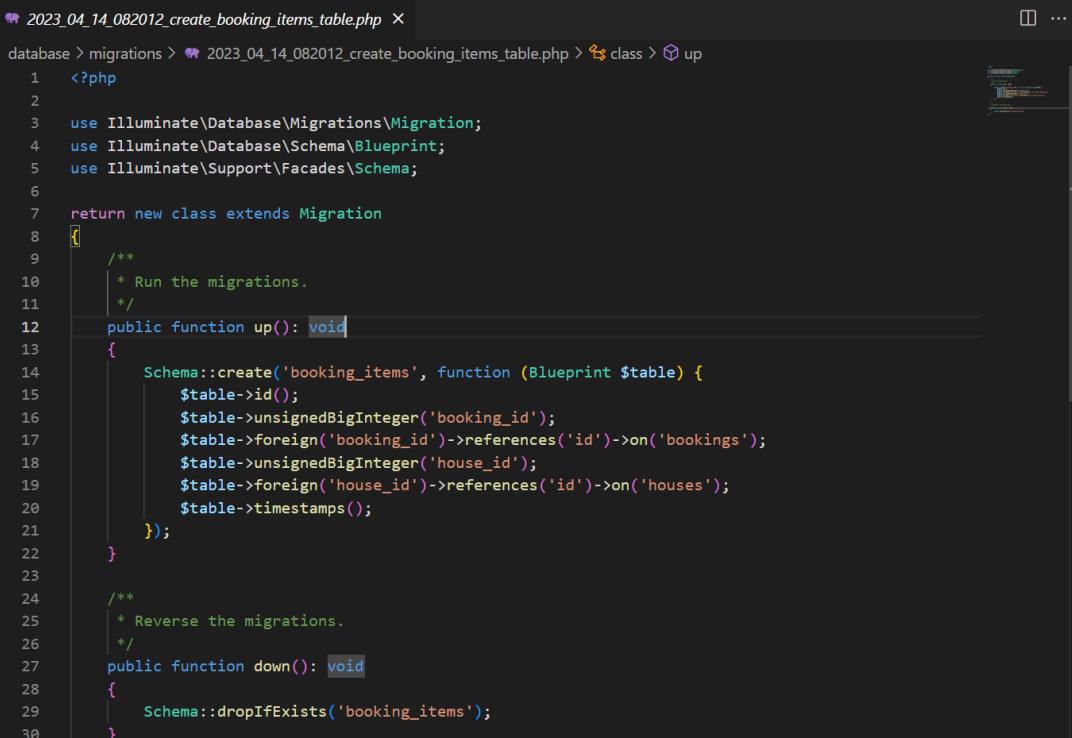
Menu

Search Result

#	Title	Description	Category	Picture	Checkin	Checkout	Price	Action
1	single	For 1 person houses	single		2023-04-29	2023-05-04	RM 100	View Details

PART 2

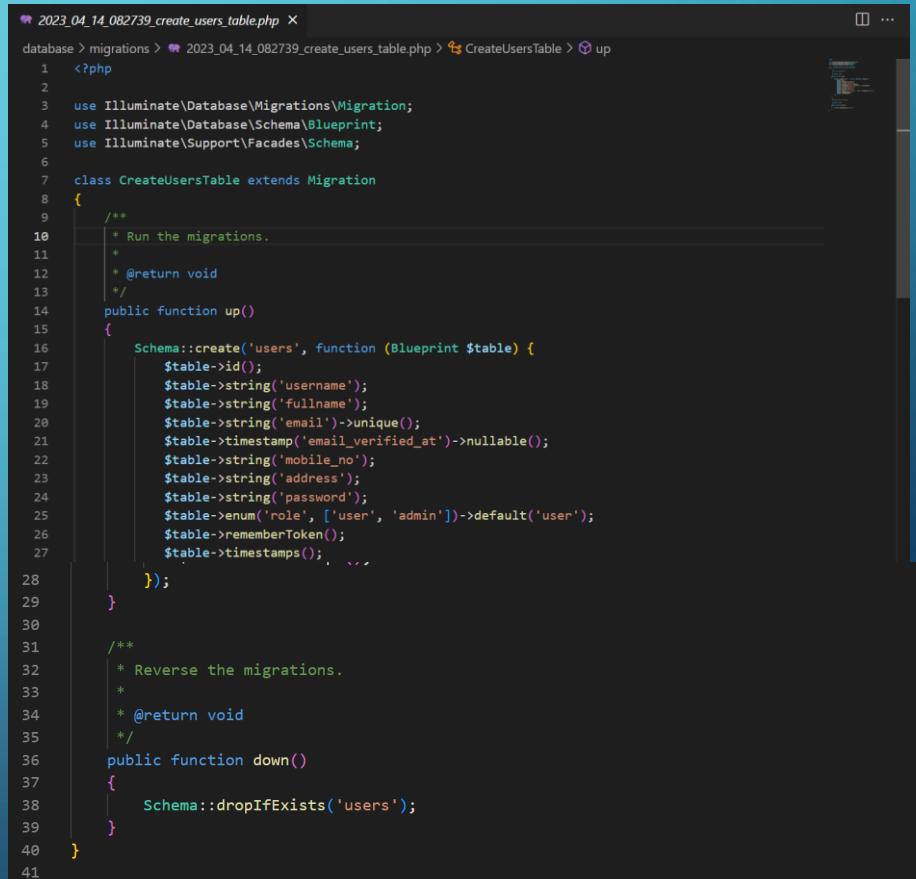
A. DATABASE MIGRATIONS



2023.04_14_082012_create_booking_items_table.php

```
database > migrations > 2023.04_14_082012_create_booking_items_table.php > class > up
```

```
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('booking_items', function (Blueprint $table) {
15             $table->id();
16             $table->unsignedBigInteger('booking_id');
17             $table->foreign('booking_id')->references('id')->on('bookings');
18             $table->unsignedBigInteger('house_id');
19             $table->foreign('house_id')->references('id')->on('houses');
20             $table->timestamps();
21         });
22     }
23
24     /**
25      * Reverse the migrations.
26      */
27     public function down(): void
28     {
29         Schema::dropIfExists('booking_items');
30     }
}
```



2023.04_14_082739_create_users_table.php

```
database > migrations > 2023.04_14_082739_create_users_table.php > CreateUsersTable > up
```

```
1 <?php
2
3 use Illuminate\Database\Migrations\Migration;
4 use Illuminate\Database\Schema\Blueprint;
5 use Illuminate\Support\Facades\Schema;
6
7 class CreateUsersTable extends Migration
8 {
9     /**
10      * Run the migrations.
11      */
12     public function up()
13     {
14         Schema::create('users', function (Blueprint $table) {
15             $table->id();
16             $table->string('username');
17             $table->string('fullname');
18             $table->string('email')->unique();
19             $table->timestamp('email_verified_at')->nullable();
20             $table->string('mobile_no');
21             $table->string('address');
22             $table->string('password');
23             $table->enum('role', ['user', 'admin'])->default('user');
24             $table->rememberToken();
25             $table->timestamps();
26         });
27     }
28
29     /**
30      * Reverse the migrations.
31      */
32     public function down()
33     {
34         Schema::dropIfExists('users');
35     }
36 }
```

2023_04_14_083501_create_bookings_table.php ×

database > migrations > 2023_04_14_083501_create_bookings_table.php > ↗ class > ⚡ up

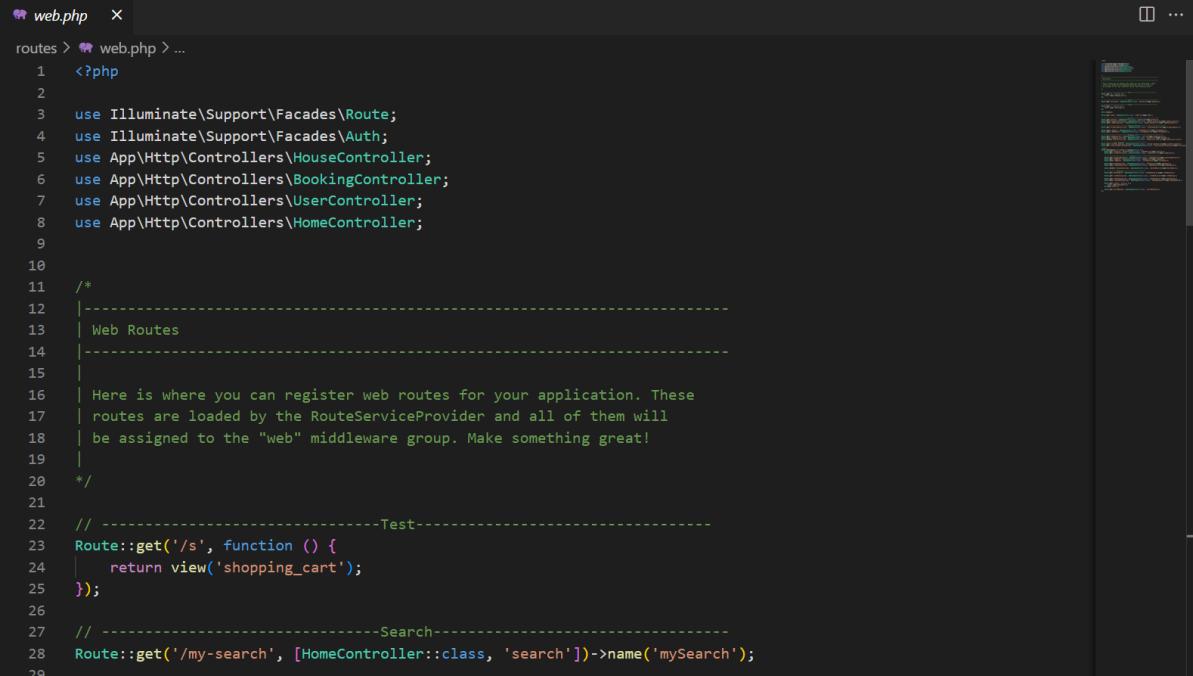
```
1 <?php
2
3 use Illuminate\Database\Migrations\Migration;
4 use Illuminate\Database\Schema\Blueprint;
5 use Illuminate\Support\Facades\Schema;
6
7 return new class extends Migration
8 {
9     /**
10      * Run the migrations.
11      */
12     public function up(): void
13     {
14         Schema::create('bookings', function (Blueprint $table) {
15             $table->id();
16             $table->unsignedBigInteger('user_id');
17             $table->foreign('user_id')->references('id')->on('users');
18             $table->integer('total_price');
19             $table->boolean('paid')->default(0);
20             $table->string('booking_status')->default('processing');
21             $table->timestamps();
22         });
23     }
24
25     /**
26      * Reverse the migrations.
27      */
28     public function down(): void
29     {
30         Schema::dropIfExists('bookings');
31     }
32 }
```

2023_04_14_085506_create_houses_table.php ×

database > migrations > 2023_04_14_085506_create_houses_table.php > ↗ class > ⚡ up > ⚡ Closure

```
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('houses', function (Blueprint $table) {
15             $table->id();
16             $table->string('title');
17             $table->string('description');
18             $table->string('category');
19             $table->string('picture');
20             $table->date('checkin');
21             $table->date('checkout');
22             $table->integer('price');
23             $table->timestamps();
24         });
25     }
26
27     /**
28      * Reverse the migrations.
29      */
30     public function down(): void
31     {
32         Schema::dropIfExists('houses');
33     }
34 };
35 }
```

B. ROUTE FILE(S)



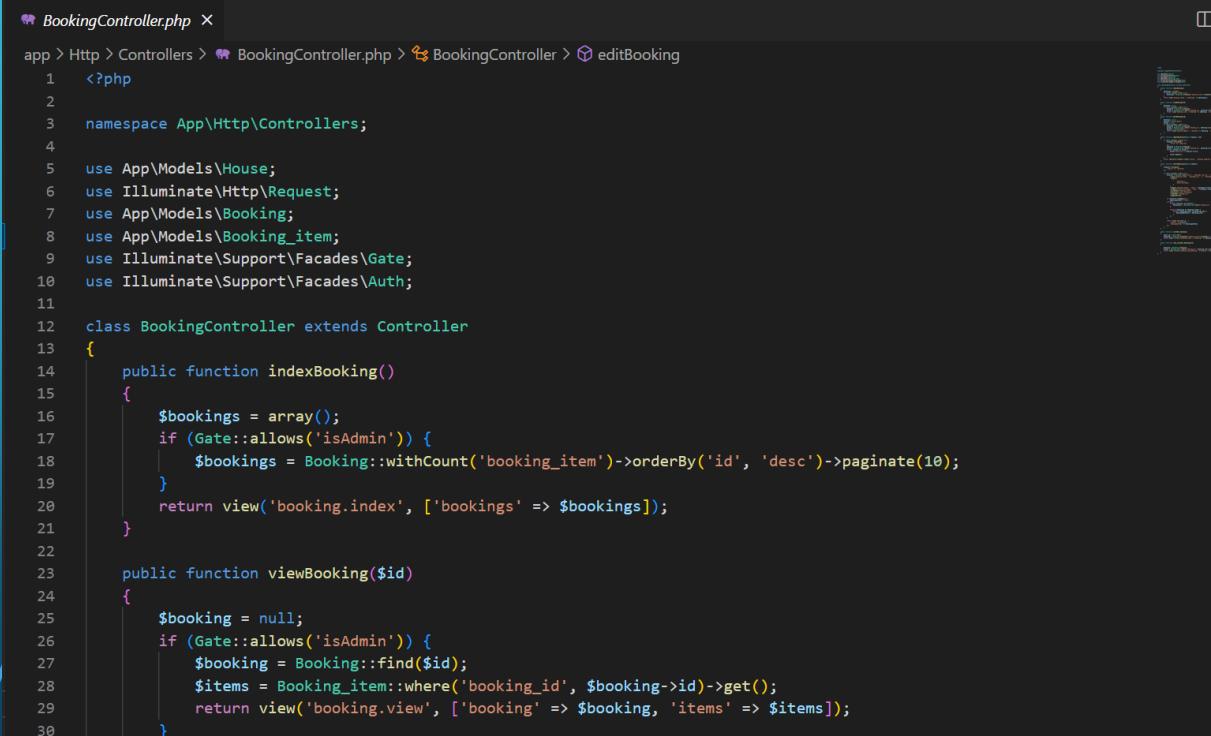
```
routes > web.php > ...
1  <?php
2
3  use Illuminate\Support\Facades\Route;
4  use Illuminate\Support\Facades\Auth;
5  use App\Http\Controllers\HomeController;
6  use App\Http\Controllers\BookingController;
7  use App\Http\Controllers\UserController;
8  use App\Http\Controllers\HomeController;
9
10 /*
11 | Web Routes
12 |
13 | Here is where you can register web routes for your application. These
14 | routes are loaded by the RouteServiceProvider and all of them will
15 | be assigned to the "web" middleware group. Make something great!
16 |
17 */
18
19 /**
20 // -----
21 | Test
22 Route::get('/', function () {
23     return view('shopping_cart');
24 });
25 //
26 // -----
27 | Search
28 Route::get('/my-search', [HomeController::class, 'search'])->name('mySearch');
29
```

```
29
30 // -----
31 Route::get('/', function () {
32     return view('/auth/login');
33 });
34
35 Auth::routes();
36
37 Route::get('/home', [HomeController::class, 'index'])->name('home');
38
39 // -----
40 Route::get('/profile', [HomeController::class, 'profile'])->name('profile');
41 Route::post('/update_profile/{id}', [HomeController::class, 'update_profile'])->name('update_profile');
42 Route::post('/update_password', [HomeController::class, 'update_password'])->name('update_password');
43
44 // -----
45 Route::get('/PropertyDetails/{id}', [HomeController::class, 'PropertyDetails'])->name('PropertyDetails');
46
47 Route::post('/addCart', [HomeController::class, 'StoreNewCart'])->name('StoreNewCart');
48 Route::post('/addOldCart', [HomeController::class, 'StoreOldCart'])->name('StoreOldCart');
49
50 // -----
51 Route::get('/shopping_cart', [HomeController::class, 'cart'])->name('shopping_cart');
52 Route::post('/shopping_cart/{id}', [HomeController::class, 'checkout'])->name('checkout');
53 Route::delete('/delete_cart_item', [HomeController::class, 'delete_cart_item'])->name('delete_cart_item');
54
55 // -----
56 Route::get('/customer_booking', [BookingController::class, 'customer_booking'])->name('customer_booking');
57 Route::get('/view_customer_booking/{id}', [BookingController::class, 'view_customer_booking'])->name('view_customer_b
```

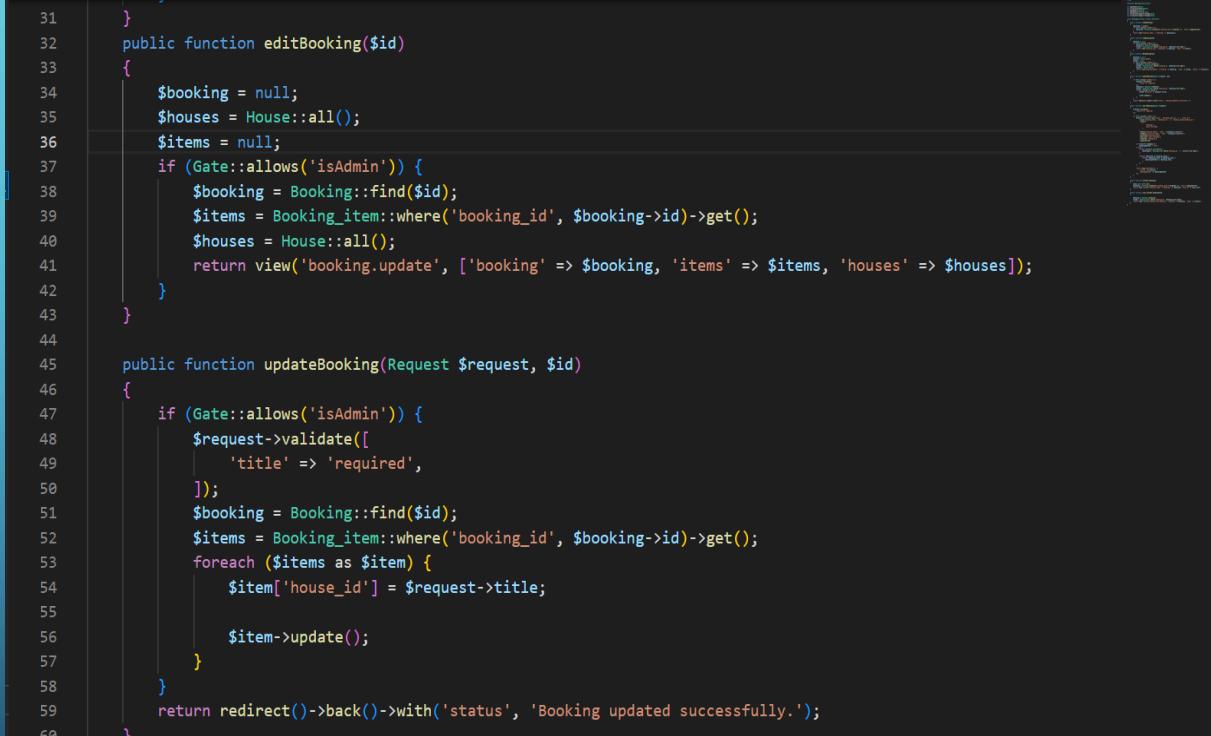
```
59 //admin
60 Route::middleware(['can:isAdmin'])->group(function () {
61     Route::get('/userList', [UserController::class, 'indexUser'])->name('userList');
62     Route::get('/viewHistory/{id}', [UserController::class, 'viewHistory'])->name('viewHistory');
63
64 // -----House-----
65 Route::get('/propertyHouseList', [HouseController::class, 'indexHouse'])->name('propertyHouseList');
66 Route::get('/addHouse', [HouseController::class, 'addHouse'])->name('addHouse');
67 Route::post('/addHouse', [HouseController::class, 'storeHouse'])->name('storeHouse');
68
69 Route::get('/editHouse/{id}', [HouseController::class, 'editHouse'])->name('editHouse');
70 Route::post('/updateHouse/{id}', [HouseController::class, 'updateHouse'])->name('updateHouse');
71
72 Route::delete('/deleteHouse/{id}', [HouseController::class, 'deleteHouse'])->name('deleteHouse');
73
74 // -----Booking-----
75 Route::get('/bookingList', [BookingController::class, 'indexBooking'])->name('indexBooking');
76
77 Route::get('/viewBooking/{id}', [BookingController::class, 'viewBooking'])->name('viewBooking');
78
79 Route::get('/editBooking/{id}', [BookingController::class, 'editBooking'])->name('editBooking');
80 Route::post('/updateBooking/{id}', [BookingController::class, 'updateBooking'])->name('updateBooking');
81
82 Route::get('/search', function () {
83     return view('adminSearch');
84 })->name('search');
85
86 Route::get('searchBooking', [BookingController::class, 'searchBooking']);
```

C. CONTROLLER CLASSES

BOOKINGCONTROLLER



```
BookingController.php
app > Http > Controllers > BookingController.php > BookingController > editBooking
1 <?php
2
3 namespace App\Http\Controllers;
4
5 use App\Models\House;
6 use Illuminate\Http\Request;
7 use App\Models\Booking;
8 use App\Models\Booking_item;
9 use Illuminate\Support\Facades\Gate;
10 use Illuminate\Support\Facades\Auth;
11
12 class BookingController extends Controller
13 {
14     public function indexBooking()
15     {
16         $bookings = array();
17         if (Gate::allows('isAdmin')) {
18             $bookings = Booking::withCount('booking_item')->orderBy('id', 'desc')->paginate(10);
19         }
20         return view('booking.index', ['bookings' => $bookings]);
21     }
22
23     public function viewBooking($id)
24     {
25         $booking = null;
26         if (Gate::allows('isAdmin')) {
27             $booking = Booking::find($id);
28             $items = Booking_item::where('booking_id', $booking->id)->get();
29             return view('booking.view', ['booking' => $booking, 'items' => $items]);
30         }
31     }
32 }
```



```
31     }
32     public function editBooking($id)
33     {
34         $booking = null;
35         $houses = House::all();
36         $items = null;
37         if (Gate::allows('isAdmin')) {
38             $booking = Booking::find($id);
39             $items = Booking_item::where('booking_id', $booking->id)->get();
40             $houses = House::all();
41             return view('booking.update', ['booking' => $booking, 'items' => $items, 'houses' => $houses]);
42         }
43     }
44
45     public function updateBooking(Request $request, $id)
46     {
47         if (Gate::allows('isAdmin')) {
48             $request->validate([
49                 'title' => 'required',
50             ]);
51             $booking = Booking::find($id);
52             $items = Booking_item::where('booking_id', $booking->id)->get();
53             foreach ($items as $item) {
54                 $item['house_id'] = $request->title;
55                 $item->update();
56             }
57         }
58         return redirect()->back()->with('status', 'Booking updated successfully.');
59     }
60 }
```

```
61
62     public function searchBooking(Request $request)
63     {
64         $request->validate([
65             'search' => 'required'
66         ]);
67
68         if (Gate::allows('isAdmin')) {
69             $results = Booking::join('users', 'bookings.user_id', '=', 'users.id')
70                 ->join('booking_items', 'bookings.id', '=', 'booking_items.booking_id')
71                 ->select(
72                     [
73                         'bookings.*',
74                         'users.fullname',
75                     ]
76                 )
77                 ->where('booking_status', 'like', "%{$request->search}%")
78                 ->orWhere('users.fullname', 'like', "%{$request->search}%")
79                 ->withCount('booking_item')
80                 ->distinct('users.fullname')
81                 ->orderBy('created_at')
82                 ->paginate(10);
83
84         if ($results->isEmpty()) {
85             $bookingedItems = "null";
86         } else {
87             foreach ($results as $result) {
88                 $bookings[] = Booking_item::where('booking_id', '=', $result->id)->get();
89             }
90         }
91     }
92 }
```

```
        }
93
94         foreach ($bookings as $booking_items) {
95             foreach ($booking_items as $booking_item) {
96                 $bookingedItems[] = $booking_item;
97             }
98         };
99     }
100
101     return view('adminSearch', [
102         'results' => $results,
103         'bookingedItems' => $bookingedItems
104     ]);
105 }
106
107 public function customer_booking()
108 {
109     $user_id = Auth::id();
110     $bookings = Booking::withCount('booking_item')->orderBy('id', 'desc')->paginate(10);
111     return view('customer_booking.index', ['bookings' => $bookings, 'user_id' => $user_id]);
112 }
113
114 public function view_customer_booking($id)
115 {
116
117     $booking = Booking::find($id);
118     $items = Booking_item::where('booking_id', $booking->id)->get();
119     return view('customer_booking.view_booking', ['booking' => $booking, 'items' => $items]);
120 }
```

HOMECONTROLLER

```
 HomeController.php X
app > Http > Controllers > HomeController.php > HomeController > StoreNewCart
1  <?php
2
3  namespace App\Http\Controllers;
4
5  use Illuminate\Http\Request;
6  use App\Models\House;
7  use App\Models\Booking;
8  use App\Models\Booking_item;
9  use App\Models\User;
10 use Illuminate\Support\Facades\Gate;
11 use Illuminate\Support\Facades\Auth;
12 use Illuminate\Support\Facades\Validator;
13 use Illuminate\Support\Facades\Hash;
14
15 class HomeController extends Controller
16 {
17     /**
18      * Create a new controller instance.
19      *
20      * @return void
21      */
22     public function __construct()
23     {
24         $this->middleware('auth');
25     }
26
27     /**
28      * Show the application dashboard.
29      *
30      * @return \Illuminate\Contracts\Support\Renderable

```

```
31 | */
32 | public function index()
33 |
34 |     if (Gate::allows('isAdmin')) {
35 |         $houses = House::all();
36 |         $bookings = Booking::all();
37 |         $users = User::where('role', '=', 'user')->get();
38 |         return view('home', ['houses' => $houses, 'bookings' => $bookings, 'users' => $users]);
39 |     } else {
40 |         $house = House::all();
41 |         return view('main', ['houses' => $house]);
42 |     }
43 |
44 }
45
46 public function PropertyDetails($id)
47 {
48     $house = House::find($id);
49     $user_id = Auth::id();
50     $booking = Booking::all();
51     return view('Property_details.index', ['house' => $house, 'user_id' => $user_id, 'booking' => $booking]);
52 }
53
54 public function StoreNewCart(Request $request)
55 {
56     $booking = new Booking();
57     $booking['user_id'] = $request->user_id;
58     $booking['total_price'] = 80;
59     $booking['paid'] = -1;
60
61     $booking->save();
```

```
63     $booking_item['booking_id'] = $booking['id'];
64     $booking_item['house_id'] = $request->house_id;
65
66     $booking_item->save();
67
68     return redirect()->back()->with('status', 'Property House cart added successfully.');
69 }
70
71
72 public function StoreOldCart(Request $request)
73 {
74
75     $booking_item = new Booking_item();
76     $booking_item['booking_id'] = $request->booking_id;
77     $booking_item['house_id'] = $request->house_id;
78     $booking_item->save();
79
80
81     $booking = Booking::find($request->booking_id);
82     $booking['total_price'] = $booking['total_price'] + 80;
83
84     $booking->save();
85
86     return redirect()->back()->with('status', 'Property House cart added successfully.');
87 }
88
89
90 public function cart()
91 {
92     $user_id = Auth::id();
```

```
    $houses = House::all();
    $bookings = Booking::all();
    $booking_items = Booking_item::all();
    return view('shopping_cart', ['houses' => $houses, 'bookings' =>$bookings, 'booking_items' =>$booking_items,
}
public function checkout($id)
{
    $booking = Booking::find($id);
    $booking['paid'] = 0;
    $booking['user_id'] = $booking['user_id'];

    $booking->update();

    return redirect()->back()->with('status', 'Property House Booking placed successfully.');
}

public function delete_cart_item(Request $request)
{
    $booking_item = Booking_item::find($request->booking_item_id);
    $booking_item->delete();

    $booking = Booking::find($request->booking_id);
    $booking['total_price'] = $booking['total_price'] - 80;

    $booking->update();
    return redirect()->back()->with('status', 'Cart item deleted successfully.');
```

```
3     public function profile()
4     {
5         if (Gate::allows('isUser')) {
6             $user_id = Auth::id();
7             $user = User::find($user_id);
8             return view('profile', ['user' => $user]);
9         } else {
10            $user_id = Auth::id();
11            $user = User::find($user_id);
12            return view('adminProfile', ['user' => $user]);
13        }
14    }
15
16
17    public function update_profile(Request $request, $id)
18    {
19        $user = User::find($id);
20        $user['username'] = $request->username;
21        $user['fullname'] = $request->fullname;
22        $user['email'] = $request->email;
23        $user['mobile_no'] = $request->mobile_no;
24        $user['address'] = $request->address;
25
26        $user->update();
27        return redirect()->back()->with('status', 'Profile updated successfully.');
28    }
29
30
31    public function update_password(Request $request)
32    {
33        //Validate form
34
```

```
2 $validator = Validator::make($request->all(), [
3     'old_password'=>[
4         'required', function($attribute, $value, $fail){
5             if( Hash::check($value, Auth::user()->password) ){
6                 return $fail(__('The current password is incorrect'));
7             }
8         },
9         'min:8',
0         'max:30'
1     ],
2     'new_password'=>'required|min:8|max:30',
3     'cnew_password'=>'required|same:new_password'
4 ],
5 ],
6     'old_password.required'=>'Enter your current password',
7     'old_password.min'=>'Old password must have atleast 8 characters',
8     'old_password.max'=>'Old password must not be greater than 30 characters',
9     'new_password.required'=>'Enter new password',
0     'new_password.min'=>'New password must have atleast 8 characters',
1     'new_password.max'=>'New password must not be greater than 30 characters',
2     'cnew_password.required'=>'ReEnter your new password',
3     'cnew_password.same'=>'New password and Confirm new password must match'
4 );
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```
        return redirect()->back()->with('status', 'Password updated successfully.');
    }

    public function search(Request $request)
    {
        $request->validate([
            'search' => 'required'
        ]);
        $results = House::where('title', 'like', "%{$request->search}%")
            ->orWhere('category', 'like', "%{$request->search}%")
            ->distinct('title')
            ->orderBy('created_at')
            ->paginate(10);

        return view('searchResult', ['results' => $results]);
    }
}
```

HOUSECONTROLLER

```
HouseController.php ×  
app > Http > Controllers > HouseController.php > ...  
1  <?php  
2  
3  namespace App\Http\Controllers;  
4  
5  use Illuminate\Http\Request;  
6  use App\Models\House;  
7  use Illuminate\Support\Facades\Gate;  
8  use Illuminate\Support\Facades\File;  
9  use Illuminate\Support\Facades\Validator;  
10  
11 class HouseController extends Controller  
12 {  
13     public function indexHouse()  
14     {  
15         if (Gate::allows('isAdmin')) {  
16             $house = House::paginate(8);  
17         }  
18         return view('propertyHouse.index', ['houses' => $house]);  
19     }  
20     public function addHouse()  
21     {  
22         if (Gate::allows('isAdmin')) {  
23             return view('propertyHouse.create');  
24         }  
25     }  
26     public function storeHouse(Request $request)  
27     {  
28         if (Gate::allows('isAdmin')) {  
29             $request->validate([
```

```
        'title' => 'required',  
        'description' => 'required',  
        'category' => 'required',  
        'checkin' => 'required',  
        'checkout' => 'required',  
        'picture' => 'required|image|mimes:jpeg,png,jpg,svg|max:2000',  
    ]);  
  
    $house = new House();  
    $house['title'] = $request->title;  
    $house['description'] = $request->description;  
    $house['category'] = $request->category;  
    $house['checkin'] = $request->checkin;  
    $house['checkout'] = $request->checkout;  
    $house['price'] = 100;  
    if ($request->file('picture')) {  
        $fileName = time() . '_' . $request->picture->getClientOriginalName();  
        $request->file('picture')->move(public_path('images/'), $fileName);  
        $house['picture'] = $fileName;  
    }  
    $house->save();  
    return redirect()->back()->with('status', 'Property House added successfully.');  
}  
  
public function editHouse($id)
```

```
public function editHouse($id)
{
    if (Gate::allows('isAdmin')) {
        $house = House::find($id);
        return view('propertyHouse.update', ['house' => $house]);
    }
}

public function updateHouse(Request $request, $id)
{
    if (Gate::allows('isAdmin')) {
        $request->validate([
            'title' => 'required',
            'description' => 'required',
            'category' => 'required',
            'checkin' => 'required',
            'checkout' => 'required',
            'picture' => 'sometimes|nullable|image|mimes:jpeg,png,jpg,svg|max:2000',
        ]);

        $house = House::find($id);
        $house['title'] = $request->title;
        $house['description'] = $request->description;
        $house['category'] = $request->category;
        $house['checkin'] = $request->checkin;
        $house['checkout'] = $request->checkout;

        $house['price'] = 100;
        if ($request->hasFile('picture')) {
```

```
        $destination = 'images/' . $house->picture;
        if (File::exists($destination)) {
            File::delete($destination);
        }
        $fileName = time() . '_' . $request->picture->getClientOriginalName();
        $request->file('picture')->move(public_path('images/'), $fileName);
        $house['picture'] = $fileName;
    }

    $house->update();
    return redirect()->back()->with('status', 'Property House updated successfully.');
}

public function deleteHouse($id)
{
    if (Gate::allows('isAdmin')) {
        $house = House::find($id);
        $destination = 'images/' . $house->picture;
        if (File::exists($destination)) {
            File::delete($destination);
        }
        $house->delete();
        return redirect()->back()->with('status', 'Property House deleted successfully.');
    }
}
```

USERCONTROLLER

```
UserController.php X
app > Http > Controllers > UserController.php > UserController > viewHistory
1  <?php
2
3  namespace App\Http\Controllers;
4
5  use App\Models\Booking;
6  use App\Models\Booking_item;
7  use App\Models\User;
8  use Illuminate\Support\Facades\Gate;
9
10 class UserController extends Controller
11 {
12     public function indexUser()
13     {
14         if (Gate::allows('isAdmin')) {
15             $users = User::paginate(10);
16
17             return view('user.index', ['users' => $users]);
18         }
19     }
20
21     public function viewHistory($id)
22     {
23         if (Gate::allows('isAdmin')) {
24             $user = User::find($id);
25             $bookings = Booking::withCount('booking_item')
26                 ->where('user_id', '=', $user->id)
27                 ->where('paid', '=', 0)
28                 ->paginate(10);
29
30             $bookingedItems = [];
31
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60 }
```

```
if ($bookings->isEmpty()) {
    $bookingedItems = "null";
} else {
    foreach ($bookings as $result) {
        $bookinged_items[] = Booking_item::where('booking_id', '=', $result->id)->get();
    }
    foreach ($bookinged_items as $booking_items) {
        foreach ($booking_items as $booking_item) {
            $bookingedItems[] = $booking_item;
        }
    }
}
return view(
    'user.viewBookingHistory',
    [
        'user' => $user,
        'bookings' => $bookings,
        'bookingedItems' => $bookingedItems,
    ]
);

public function viewBookingDetails($id)
{
    if (Gate::allows('isAdmin')) {
        $booking = Booking::find($id);
        $items = Booking_item::where('booking_id', $booking->id)->get();
        return view('user.viewBookingDetails', ['booking' => $booking, 'items' => $items]);
    }
}
```

D. MODEL BOOKING_ITEM MODEL

```
Booking_item.php X
app > Models > Booking_item.php > Booking_item > booking
1  <?php
2
3  namespace App\Models;
4
5  use Illuminate\Database\Eloquent\Factories\HasFactory;
6  use Illuminate\Database\Eloquent\Model;
7
8  class Booking_item extends Model
9  {
10     use HasFactory;
11     protected $fillable =
12         [
13             'booking_id',
14             'house_id',
15         ];
16     public function house()
17     {
18         return $this->belongsTo('App\Models\House', 'house_id');
19     }
20     public function booking()
21     {
22         return $this->belongsTo('App\Models\Booking', 'booking_id');
23     }
24 }
```

BOOKING MODEL

```
Booking.php ×  
app > Models > Booking.php > Booking  
1  <?php  
2  
3  namespace App\Models;  
4  
5  use Illuminate\Database\Eloquent\Factories\HasFactory;  
6  use Illuminate\Database\Eloquent\Model;  
7  
8  class Booking extends Model  
9  {  
10     use HasFactory;  
11     protected $fillable = [  
12         'user_id',  
13         'total_price',  
14         'paid',  
15     ];  
16     public function user()  
17     {  
18         return $this->belongsTo('App\Models\User');  
19     }  
20     public function booking_item()  
21     {  
22         return $this->hasMany('App\Models\Booking_item', 'booking_id');  
23     }  
24 }  
25
```

HOUSE MODEL

House.php X

app > Models > House.php > House > booking_item

```
1  <?php
2
3  namespace App\Models;
4
5  use Illuminate\Database\Eloquent\Factories\HasFactory;
6  use Illuminate\Database\Eloquent\Model;
7  use Illuminate\Notifications\Notifiable;
8
9  class House extends Model
10 {
11     use HasFactory, Notifiable;
12     protected $fillable = [
13         'title',
14         'description',
15         'category',
16         'picture',
17         'checkin',
18         'checkout',
19         'price',
20     ];
21     public function booking_item()
22     {
23         return $this->hasMany('App\Models\Booking_item');
24     }
25 }
26 }
```

USER MODEL

```
User.php  X  
app > Models > User.php > User > $fillable  
1  <?php  
2  
3  namespace App\Models;  
4  
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  use Laravel\Sanctum\HasApiTokens;  
10  
11 class User extends Authenticatable  
12 {  
13     use HasApiTokens, HasFactory, Notifiable;  
14  
15     /**  
16      * The attributes that are mass assignable.  
17      *  
18      * @var array<int, string>  
19      */  
20     protected $fillable = [  
21         'username',  
22         'fullname',  
23         'email',  
24         'password',  
25         'mobile_no',  
26         'role',  
27         'address',  
28     ];  
29  
30     /**
```

E. AUTHENTICATION VALIDATION

HOUSE CONTROLLER

```
HouseController.php ×  
app > Http > Controllers > HouseController.php > ...  
1  <?php  
2  
3  namespace App\Http\Controllers;  
4  
5  use Illuminate\Http\Request;  
6  use App\Models\House;  
7  use Illuminate\Support\Facades\Gate;  
8  use Illuminate\Support\Facades\File;  
9  use Illuminate\Support\Facades\Validator;  
10  
11 class HouseController extends Controller  
{  
    public function indexHouse()  
    {  
        if (Gate::allows('isAdmin')) {  
            $house = House::paginate(8);  
        }  
        return view('propertyHouse.index', ['houses' => $house]);  
    }  
    public function addHouse()  
    {  
        if (Gate::allows('isAdmin')) {  
            return view('propertyHouse.create');  
        }  
    }  
    public function storeHouse(Request $request)  
    {  
        if (Gate::allows('isAdmin')) {  
            $request->validate([  
                'title' => 'required',  
                'description' => 'required',  
                'category' => 'required',  
                'checkin' => 'required',  
                'checkout' => 'required',  
                'picture' => 'required|image|mimes:jpeg,png,jpg,svg|max:2000',  
            ]);  
            $house = new House();  
            $house['title'] = $request->title;  
            $house['description'] = $request->description;  
            $house['category'] = $request->category;  
            $house['checkin'] = $request->checkin;  
            $house['checkout'] = $request->checkout;  
            $house['price'] = 100;  
            if ($request->file('picture')) {  
                $fileName = time() . '_' . $request->picture->getClientOriginalName();  
                $request->file('picture')->move(public_path('images/'), $fileName);  
                $house['picture'] = $fileName;  
            }  
            $house->save();  
            return redirect()->back()->with('status', 'Property House added successfully.');  
        }  
    }  
    public function editHouse($id)  
    {  
        $house = House::find($id);  
        if (Gate::allows('isAdmin')) {  
            if ($request->method() == 'PUT') {  
                $request->validate([  
                    'title' => 'required',  
                    'description' => 'required',  
                    'category' => 'required',  
                    'checkin' => 'required',  
                    'checkout' => 'required',  
                    'picture' => 'required|image|mimes:jpeg,png,jpg,svg|max:2000',  
                ]);  
                $house->update($request->all());  
                return redirect()->back()->with('status', 'Property House updated successfully.');  
            }  
            return view('propertyHouse.edit', ['house' => $house]);  
        }  
    }  
}
```

```
'title' => 'required',  
'description' => 'required',  
'category' => 'required',  
'checkin' => 'required',  
'checkout' => 'required',  
'picture' => 'required|image|mimes:jpeg,png,jpg,svg|max:2000',  
]);  
  
$house = new House();  
$house['title'] = $request->title;  
$house['description'] = $request->description;  
$house['category'] = $request->category;  
$house['checkin'] = $request->checkin;  
$house['checkout'] = $request->checkout;  
$house['price'] = 100;  
if ($request->file('picture')) {  
    $fileName = time() . '_' . $request->picture->getClientOriginalName();  
    $request->file('picture')->move(public_path('images/'), $fileName);  
    $house['picture'] = $fileName;  
}  
$house->save();  
return redirect()->back()->with('status', 'Property House added successfully.');  
  
public function editHouse($id)  
{  
    $house = House::find($id);  
    if (Gate::allows('isAdmin')) {  
        if ($request->method() == 'PUT') {  
            $request->validate([  
                'title' => 'required',  
                'description' => 'required',  
                'category' => 'required',  
                'checkin' => 'required',  
                'checkout' => 'required',  
                'picture' => 'required|image|mimes:jpeg,png,jpg,svg|max:2000',  
            ]);  
            $house->update($request->all());  
            return redirect()->back()->with('status', 'Property House updated successfully.');  
        }  
        return view('propertyHouse.edit', ['house' => $house]);  
    }  
}
```

```
public function editHouse($id)
{
    if (Gate::allows('isAdmin')) {
        $house = House::find($id);
        return view('propertyHouse.update', ['house' => $house]);
    }
}

public function updateHouse(Request $request, $id)
{
    if (Gate::allows('isAdmin')) {
        $request->validate([
            'title' => 'required',
            'description' => 'required',
            'category' => 'required',
            'checkin' => 'required',
            'checkout' => 'required',
            'picture' => 'sometimes|nullable|image|mimes:jpeg,png,jpg,svg|max:2000',
        ]);

        $house = House::find($id);
        $house['title'] = $request->title;
        $house['description'] = $request->description;
        $house['category'] = $request->category;
        $house['checkin'] = $request->checkin;
        $house['checkout'] = $request->checkout;

        $house['price'] = 100;
        if ($request->hasFile('picture')) {
            $destination = 'images/' . $house->picture;
            if (File::exists($destination)) {
                File::delete($destination);
            }
            $fileName = time() . '_' . $request->picture->getClientOriginalName();
            $request->file('picture')->move(public_path('images/'), $fileName);
            $house['picture'] = $fileName;
        }

        $house->update();
        return redirect()->back()->with('status', 'Property House updated successfully.');
    }
}

public function deleteHouse($id)
{
    if (Gate::allows('isAdmin')) {
        $house = House::find($id);
        $destination = 'images/' . $house->picture;
        if (File::exists($destination)) {
            File::delete($destination);
        }
        $house->delete();
        return redirect()->back()->with('status', 'Property House deleted successfully.');
    }
}
```

HOME CONTROLLER

HomeController.php ×

```
app > Http > Controllers > HomeController.php > HomeController > StoreNewCart
1  <?php
2
3  namespace App\Http\Controllers;
4
5  use Illuminate\Http\Request;
6  use App\Models\House;
7  use App\Models\Booking;
8  use App\Models\Booking_item;
9  use App\Models\User;
10 use Illuminate\Support\Facades\Gate;
11 use Illuminate\Support\Facades\Auth;
12 use Illuminate\Support\Facades\Validator;
13 use Illuminate\Support\Facades\Hash;
14
15 class HomeController extends Controller
16 {
17     /**
18      * Create a new controller instance.
19      *
20      * @return void
21      */
22     public function __construct()
23     {
24         $this->middleware('auth');
25     }
26
27     /**
28      * Show the application dashboard.
29      *
30      * @return \Illuminate\Contracts\Support\Renderable
31  }
```

```
31     /*
32     public function index()
33     {
34         if (Gate::allows('isAdmin')) {
35             $houses = House::all();
36             $bookings = Booking::all();
37             $users = User::where('role', '=', 'user')->get();
38             return view('home', ['houses' => $houses, 'bookings' => $bookings, 'users' => $users]);
39         } else {
40             $house = House::all();
41             return view('main', ['houses' => $house]);
42         }
43     }
44
45     public function PropertyDetails($id)
46     {
47         $house = House::find($id);
48         $user_id = Auth::id();
49         $booking = Booking::all();
50         return view('Property_details.index', ['house' => $house, 'user_id' => $user_id, 'booking' => $booking]);
51     }
52
53     public function StoreNewCart(Request $request)
54     {
55         $booking = new Booking();
56         $booking['user_id'] = $request->user_id;
57         $booking['total_price'] = 80;
58         $booking['paid'] = -1;
59
60         $booking->save();
61  }
```

```
63 $booking_item['booking_id'] = $booking['id'] ;
64 $booking_item['house_id'] = $request->house_id;
65
66 $booking_item->save();
67
68 return redirect()->back()->with('status', 'Property House cart added successfully.');
69 }
70
71
72 public function StoreOldCart(Request $request)
73 {
74
75     $booking_item = new Booking_item();
76     $booking_item['booking_id'] = $request->booking_id;
77     $booking_item['house_id'] = $request->house_id;
78     $booking_item->save();
79
80
81     $booking = Booking::find($request->booking_id);
82     $booking['total_price'] = $booking['total_price'] + 80;
83
84     $booking->save();
85
86     return redirect()->back()->with('status', 'Property House cart added successfully.');
87 }
88
89
90 public function cart()
91 {
92     $user_id = Auth::id();
```

```
        $houses = House::all();
        $bookings = Booking::all();
        $booking_items = Booking_item::all();
        return view('shopping_cart', ['houses' => $houses, 'bookings' =>$bookings, 'booking_items' =>$booking_items,
    }

    public function checkout($id)
    {
        $booking = Booking::find($id);
        $booking['paid'] = 0;
        $booking['user_id'] = $booking['user_id'];

        $booking->update();

        return redirect()->back()->with('status', 'Property House Booking placed successfully.');
    }

    public function delete_cart_item(Request $request)
    {
        $booking_item = Booking_item::find($request->booking_item_id);
        $booking_item->delete();

        $booking = Booking::find($request->booking_id);
        $booking['total_price'] = $booking['total_price'] - 80;

        $booking->update();
        return redirect()->back()->with('status', 'Cart item deleted successfully.');
    }
```

```
1 public function profile()
2 {
3     if (Gate::allows('isUser')) {
4         $user_id = Auth::id();
5         $user = User::find($user_id);
6         return view('profile', ['user' => $user]);
7     } else {
8         $user_id = Auth::id();
9         $user = User::find($user_id);
10        return view('adminProfile', ['user' => $user]);
11    }
12 }
13
14
15 public function update_profile(Request $request, $id)
16 {
17     $user = User::find($id);
18     $user['username'] = $request->username;
19     $user['fullname'] = $request->fullname;
20     $user['email'] = $request->email;
21     $user['mobile_no'] = $request->mobile_no;
22     $user['address'] = $request->address;
23
24     $user->update();
25     return redirect()->back()->with('status', 'Profile updated successfully.');
26 }
27
28
29 public function update_password(Request $request)
30 {
31     //Validate form
32 }
```

```
$validator = Validator::make($request->all(), [
    'old_password'=>[
        'required', function($attribute, $value, $fail){
            if( Hash::check($value, Auth::user()->password) ){
                return $fail(__('The current password is incorrect'));
            }
        },
        'min:8',
        'max:30'
    ],
    'new_password'=>'required|min:8|max:30',
    'cnew_password'=>'required|same:new_password'
], [
    'old_password.required'=>'Enter your current password',
    'old_password.min'=>'Old password must have atleast 8 characters',
    'old_password.max'=>'Old password must not be greater than 30 characters',
    'new_password.required'=>'Enter new password',
    'new_password.min'=>'New password must have atleast 8 characters',
    'new_password.max'=>'New password must not be greater than 30 characters',
    'cnew_password.required'=>'ReEnter your new password',
    'cnew_password.same'=>'New password and Confirm new password must match'
]);
$update = User::find(Auth::user()->id)->update(['password'=>Hash::make($request->new_password)]);
```

BOOKING CONTROLLER

BookingController.php X

```
app > Http > Controllers > BookingController.php > BookingController > editBooking
1  <?php
2
3  namespace App\Http\Controllers;
4
5  use App\Models\House;
6  use Illuminate\Http\Request;
7  use App\Models\Booking;
8  use App\Models\Booking_item;
9  use Illuminate\Support\Facades\Gate;
10 use Illuminate\Support\Facades\Auth;
11
12 class BookingController extends Controller
13 {
14     public function indexBooking()
15     {
16         $bookings = array();
17         if (Gate::allows('isAdmin')) {
18             $bookings = Booking::withCount('booking_item')->orderBy('id', 'desc')->paginate(10);
19         }
20         return view('booking.index', ['bookings' => $bookings]);
21     }
22
23     public function viewBooking($id)
24     {
25         $booking = null;
26         if (Gate::allows('isAdmin')) {
27             $booking = Booking::find($id);
28             $items = Booking_item::where('booking_id', $booking->id)->get();
29             return view('booking.view', ['booking' => $booking, 'items' => $items]);
30         }
31     }
32
33 }
```

```
31
32
33
34     public function editBooking($id)
35     {
36         $booking = null;
37         $houses = House::all();
38         $items = null;
39         if (Gate::allows('isAdmin')) {
40             $booking = Booking::find($id);
41             $items = Booking_item::where('booking_id', $booking->id)->get();
42             $houses = House::all();
43             return view('booking.update', ['booking' => $booking, 'items' => $items, 'houses' => $houses]);
44         }
45     }
46
47     public function updateBooking(Request $request, $id)
48     {
49         if (Gate::allows('isAdmin')) {
50             $request->validate([
51                 'title' => 'required',
52             ]);
53             $booking = Booking::find($id);
54             $items = Booking_item::where('booking_id', $booking->id)->get();
55             foreach ($items as $item) {
56                 $item['house_id'] = $request->title;
57                 $item->update();
58             }
59         }
60         return redirect()->back()->with('status', 'Booking updated successfully.');
61     }
62 }
```

```
61
62     public function searchBooking(Request $request)
63     {
64         $request->validate([
65             'search' => 'required'
66         ]);
67
68         if (Gate::allows('isAdmin')) {
69             $results = Booking::join('users', 'bookings.user_id', '=', 'users.id')
70                 ->join('booking_items', 'bookings.id', '=', 'booking_items.booking_id')
71                 ->select(
72                     [
73                         'bookings.*',
74                         'users.fullname',
75                     ]
76                 )
77                 ->where('booking_status', 'like', "%{$request->search}%")
78                 ->orWhere('users.fullname', 'like', "%{$request->search}%")
79                 ->withCount('booking_item')
80                 ->distinct('users.fullname')
81                 ->orderBy('created_at')
82                 ->paginate(10);
83
84         if ($results->isEmpty()) {
85             $bookingedItems = "null";
86         } else {
87             foreach ($results as $result) {
88                 $bookings[] = Booking_item::where('booking_id', '=', $result->id)->get();
89             }
90         }
91     }
92 }
```

```
        }
93
94         foreach ($bookings as $booking_items) {
95             foreach ($booking_items as $booking_item) {
96                 $bookingedItems[] = $booking_item;
97             }
98         };
99     }
100
101     return view('adminSearch', [
102         'results' => $results,
103         'bookingedItems' => $bookingedItems
104     ]);
105 }
106
107 public function customer_booking()
108 {
109     $user_id = Auth::id();
110     $bookings = Booking::withCount('booking_item')->orderBy('id', 'desc')->paginate(10);
111     return view('customer_booking.index', ['bookings' => $bookings, 'user_id' => $user_id]);
112 }
113
114 public function view_customer_booking($id)
115 {
116
117     $booking = Booking::find($id);
118     $items = Booking_item::where('booking_id', $booking->id)->get();
119     return view('customer_booking.view_booking', ['booking' => $booking, 'items' => $items]);
120 }
```

USERCONTROLLER

```
UserController.php X
app > Http > Controllers > UserController.php > UserController > viewHistory
1  <?php
2
3  namespace App\Http\Controllers;
4
5  use App\Models\Booking;
6  use App\Models\Booking_item;
7  use App\Models\User;
8  use Illuminate\Support\Facades\Gate;
9
10 class UserController extends Controller
11 {
12     public function indexUser()
13     {
14         if (Gate::allows('isAdmin')) {
15             $users = User::paginate(10);
16
17             return view('user.index', ['users' => $users]);
18         }
19     }
20
21     public function viewHistory($id)
22     {
23         if (Gate::allows('isAdmin')) {
24             $user = User::find($id);
25             $bookings = Booking::withCount('booking_item')
26                 ->where('user_id', '=', $user->id)
27                 ->where('paid', '=', 0)
28                 ->paginate(10);
29
30             $bookingedItems = [];
31
32             if ($bookings->isEmpty()) {
33                 $bookingedItems = "null";
34             } else {
35                 foreach ($bookings as $result) {
36                     $bookinged_items[] = Booking_item::where('booking_id', '=', $result->id)->get();
37                 }
38                 foreach ($bookinged_items as $booking_items) {
39                     foreach ($booking_items as $booking_item) {
40                         $bookingedItems[] = $booking_item;
41                     }
42                 }
43             }
44             return view(
45                 'user.viewBookingHistory',
46                 [
47                     'user' => $user,
48                     'bookings' => $bookings,
49                     'bookingedItems' => $bookingedItems,
50                 ]
51             );
52         }
53
54         public function viewBookingDetails($id)
55         {
56             if (Gate::allows('isAdmin')) {
57                 $booking = Booking::find($id);
58                 $items = Booking_item::where('booking_id', $booking->id)->get();
59
60                 return view('user.viewBookingDetails', ['booking' => $booking, 'items' => $items]);
61             }
62         }
63     }
64 }
```

```
31
32
33
34
35
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42
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59
60
```

F.GATES AND/OR POLICIES

AuthServiceProvider.php X

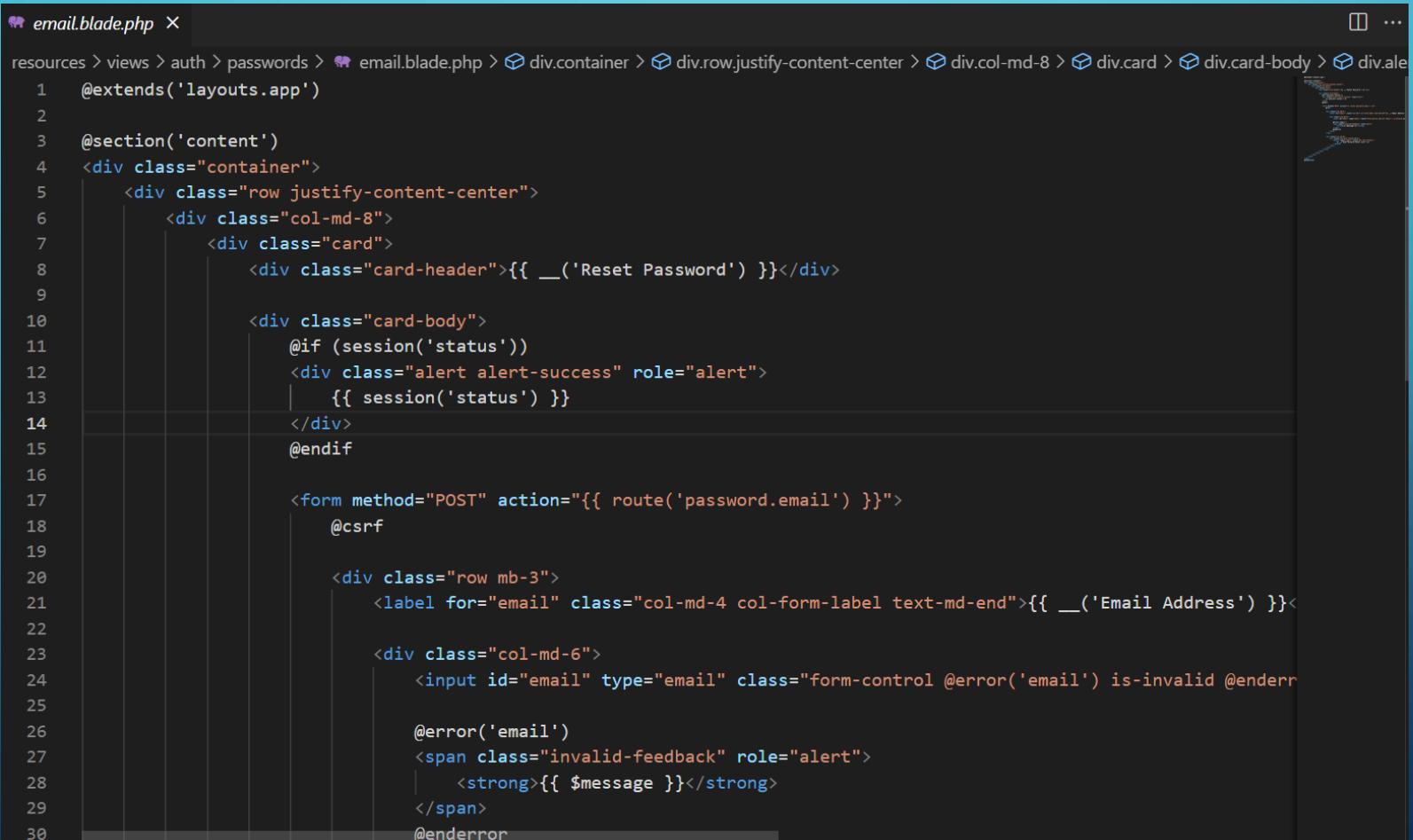
app > Providers > AuthServiceProvider.php > AuthServiceProvider

```
1  <?php
2
3  namespace App\Providers;
4
5  use Illuminate\Foundation\Support\Providers\AuthServiceProvider as ServiceProvider;
6  use Illuminate\Support\Facades\Gate;
7  use Illuminate\Support\Facades\Schema;
8
9  class AuthServiceProvider extends ServiceProvider
10 {
11     /**
12      * The policy mappings for the application.
13      *
14      * @var array<class-string, class-string>
15      */
16     protected $policies = [];
17
18     /**
19      * Register any authentication / authorization services.
20      *
21      * @return void
22      */
23     public function boot()
24     {
25         $this->registerPolicies(); //register the policy
26         Schema::defaultStringLength(191);
27         //if the role is x then the gate is called x
28         //Define an admin user role
29         Gate::define('isAdmin', function ($user) {
30             return $user->role == 'admin';
31         });
32
33         /* define a user role */
34         Gate::define('isUser', function ($user) {
35             return $user->role == 'user';
36         });
37     }
38 }
39 }
```

```
31         });
32
33         /* define a user role */
34         Gate::define('isUser', function ($user) {
35             return $user->role == 'user';
36         });
37     }
38 }
39 }
```

G. COOKIES/SESSION IMPLEMENTATIONS

EMAIL.BLADE.PHP



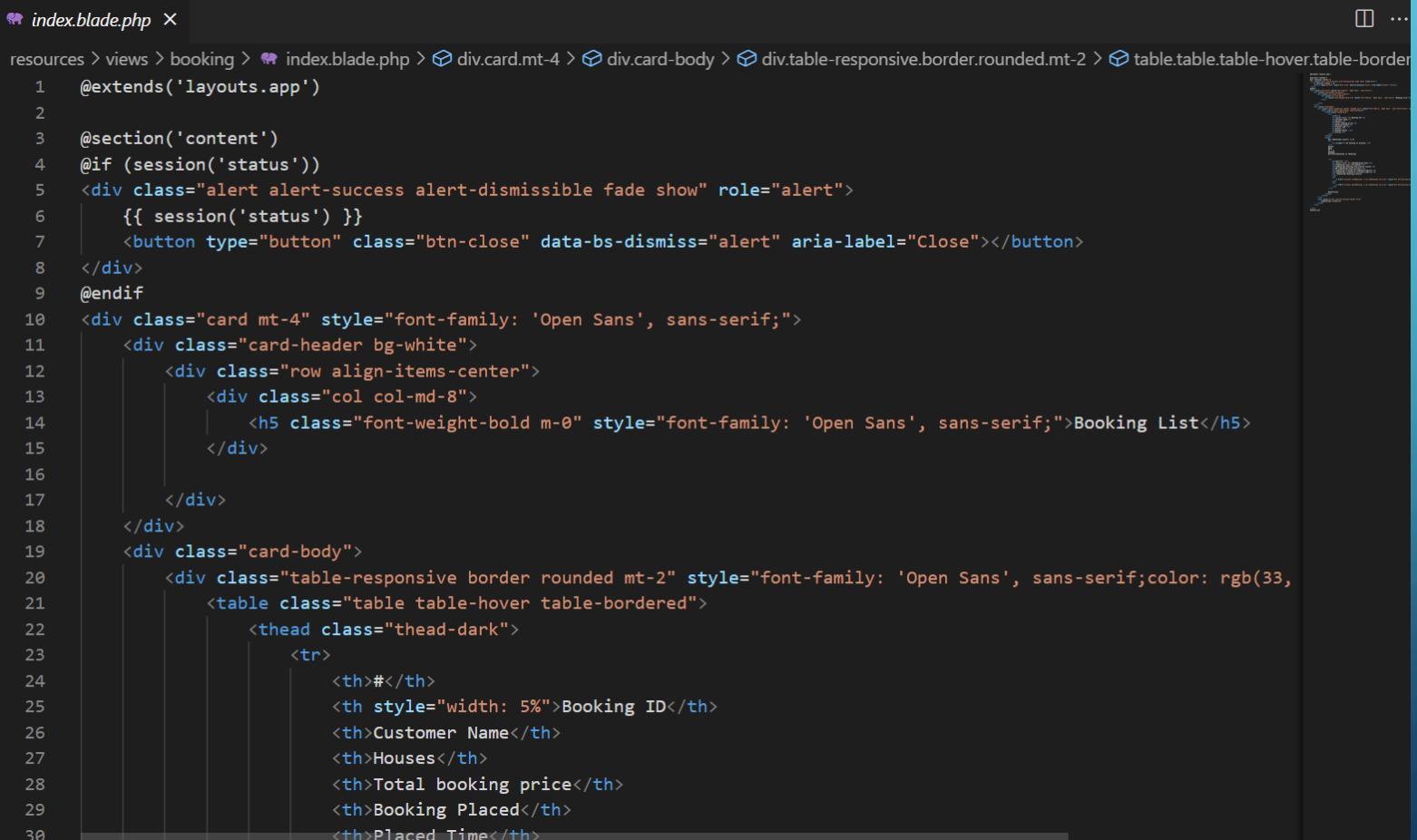
The image shows a screenshot of a code editor displaying the `email.blade.php` file. The file is located at `resources > views > auth > passwords > email.blade.php`. The code is written in Blade PHP template syntax. It includes sections for extending a layout, displaying content, and handling session status. It also contains a form for sending an email password reset link.

```
email.blade.php X
resources > views > auth > passwords > email.blade.php > div.container > div.row.justify-content-center > div.col-md-8 > div.card > div.card-body > div.alert.alert-success role=alert
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">{{ __('Reset Password') }}</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                    <form method="POST" action="{{ route('password.email') }}">
18                        @csrf
19
20                        <div class="row mb-3">
21                            <label for="email" class="col-md-4 col-form-label text-md-end">{{ __('Email Address') }}<
22
23                                <div class="col-md-6">
24                                    <input id="email" type="email" class="form-control @error('email') is-invalid @enderror" name="email" value="<
25
26                                    @error('email')
27                                        <span class="invalid-feedback" role="alert">
28                                            <strong>{{ $message }}</strong>
29                                        </span>
30                                    @enderror
31                                </div>
32                            </div>
33                        </div>
34
35                        <div class="row mb-3">
36                            <div class="col-md-6 offset-md-4">
37                                <button type="submit" class="btn btn-primary">{{ __('Send Password Reset Link') }}</button>
38                            </div>
39                        </div>
40
41                    </form>
42                </div>
43            </div>
44        </div>
45    </div>
46</div>
```

VERIFY.BLADE.PHP

```
verify.blade.php X  
resources > views > auth > verify.blade.php > div.container > div.row.justify-content-center > div.col-md-8 > div.card > div.card-body > div.alert-success  
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">{{ __('Verify Your Email Address') }}</div>  
9  
10                 <div class="card-body">  
11                     @if (session('resent'))  
12                         <div class="alert alert-success" role="alert">  
13                             {{ __('A fresh verification link has been sent to your email address.') }}  
14                         </div>  
15                     @endif  
16  
17                     {{ __('Before proceeding, please check your email for a verification link.') }}  
18                     {{ __('If you did not receive the email') }},  
19                     <form class="d-inline" method="POST" action="{{ route('verification.resend') }}>  
20                         @csrf  
21                         <button type="submit" class="btn btn-link p-0 m-0 align-baseline">{{ __('click here to request another') }}</button>  
22                     </form>  
23                 </div>  
24             </div>  
25         </div>  
26     </div>  
27 </div>  
28 @endsection
```

BOOKING/ INDEX.BLADE.PHP



The image shows a screenshot of a code editor with a dark theme. The file being edited is named "index.blade.php". The code is a Blade template for a booking application. It starts with an extends statement for "layouts.app", followed by a section for "content". Inside the section, there is a conditional block (@if) checking if session("status") is set. If true, it displays a success alert with a close button. The main content area is enclosed in a card with a header and a title "Booking List". Below the header, there is a table with a dark header and a list of booking details. The table has columns for #, Booking ID, Customer Name, Houses, Total booking price, Booking Placed, and Placed Time.

```
resources > views > booking > index.blade.php > div.card.mt-4 > div.card-body > div.table-responsive.border.rounded.mt-2 > table.table.table-hover.table-bordered
1 @extends('layouts.app')
2
3 @section('content')
4 @if (session('status'))
5 <div class="alert alert-success alert-dismissible fade show" role="alert">
6 {{ session('status') }}
7 <button type="button" class="btn-close" data-bs-dismiss="alert" aria-label="Close"></button>
8 </div>
9 @endif
10 <div class="card mt-4" style="font-family: 'Open Sans', sans-serif;">
11 <div class="card-header bg-white">
12 <div class="row align-items-center">
13 <div class="col col-md-8">
14 <h5 class="font-weight-bold m-0" style="font-family: 'Open Sans', sans-serif;">Booking List</h5>
15 </div>
16 </div>
17 </div>
18 <div class="card-body">
19 <div class="table-responsive border rounded mt-2" style="font-family: 'Open Sans', sans-serif;color: rgb(33, 33, 33);border-collapse: collapse; width: 100%;">
20 <table class="table table-hover table-bordered">
21 <thead class="thead-dark">
22 <tr>
23 <th>#</th>
24 <th style="width: 5%">Booking ID</th>
25 <th>Customer Name</th>
26 <th>Houses</th>
27 <th>Total booking price</th>
28 <th>Booking Placed</th>
29 <th>Placed Time</th>
30 </tr>
```

BOOKING/ UPDATE.BLADE.PHP

```
update.blade.php X

resources > views > booking > update.blade.php > div.container

1 @extends('layouts.app')
2
3 @section('content')
4 <div class="container">
5     @if (session('status'))
6         <div class="alert alert-success alert-dismissible fade show" role="alert">
7             {{ session('status') }}
8             <button type="button" class="btn-close" data-bs-dismiss="alert" aria-label="Close"></button>
9         </div>
10    @endif
11    <div class="card mt-4" style="font-family: 'Open Sans', sans-serif;">
12        <div class="form-group" style="padding: 10px;">
13            <span>Customer Fullname: {{ $booking->user->fullname}}</span><br>
14            <span>Customer Username: {{ $booking->user->username}}</span><br>
15            <span>Email: {{ $booking->user->email }}</span><br>
16            <span>Phone number: {{ $booking->user->mobile_no}}</span><br>
17            <span>Address: {{ $booking->user->address }}</span><br>
18        </div><br>
19        <div class="card-header">
20            <p class="font-weight-bold m-0">Edit booking</p>
21        </div>
22        <div class="card-body" style="font-size: 16px;">
23            <form action="{{route('updateBooking',['id'=>$booking->id])}}" method="POST">
24                @csrf
25                <div class="form-group">
26                    <label class="font-weight-bold ">Total booking price: </label>
27                    <span class="">RM{{ $booking->total_price}}</span>
28                </div>
29                <div class="form-group">
30                    <label class="font-weight-bold ">Booking Placed: </label>
```

CUSTOMER_BOOKING\INDEX.BLADE.PHP

```
index.blade.php X

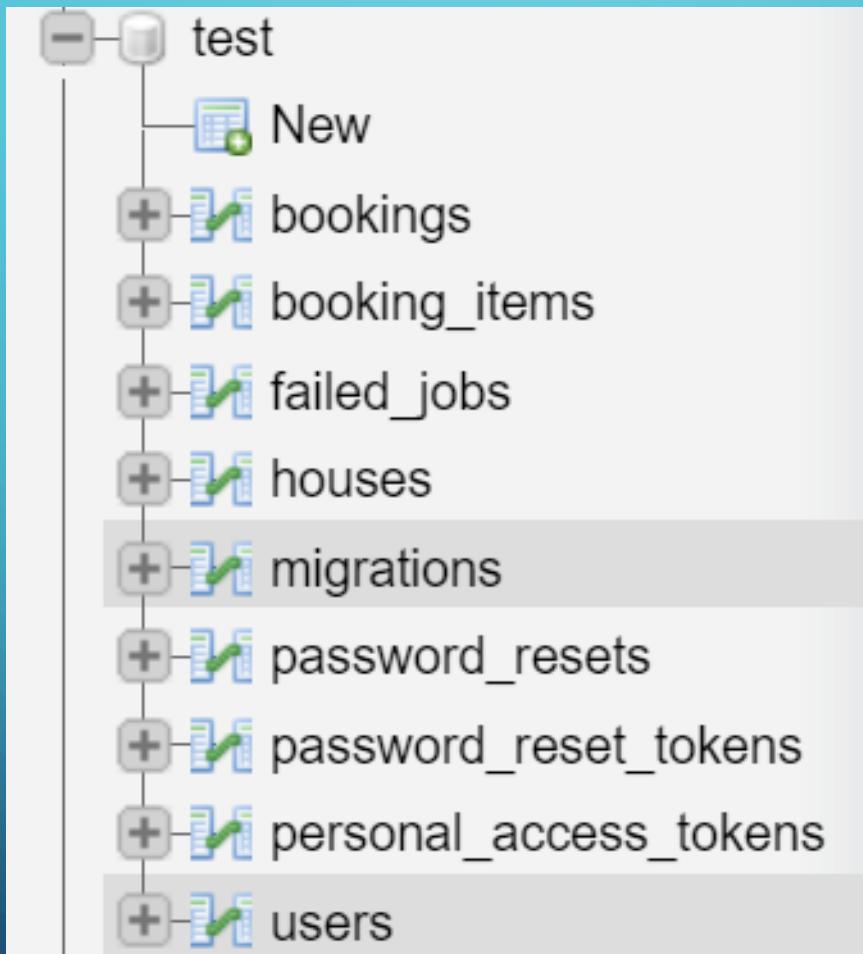
resources > views > customer_booking > index.blade.php > div.card.mt-4 > div.card-body > div.table-responsive.border.rounded.mt-2 > table.table.table-hover.table

1  @extends('layouts.auth')
2
3  @section('content')
4  @if (session('status'))
5    <div class="alert alert-success alert-dismissible fade show" role="alert">
6      {{ session('status') }}
7      <button type="button" class="btn-close" data-bs-dismiss="alert" aria-label="Close"></button>
8    </div>
9  @endif
10 <div class="card mt-4" style="font-family: 'Open Sans', sans-serif;">
11   <div class="card-header bg-white">
12     <div class="row align-items-center">
13       <div class="col col-md-8">
14         <h5 class="font-weight-bold m-0" style="font-family: 'Open Sans', sans-serif;">Booking List</h5>
15       </div>
16     </div>
17   </div>
18   <div class="card-body">
19     <div class="table-responsive border rounded mt-2" style="font-family: 'Open Sans', sans-serif; color: #333;">
20       <table class="table table-hover table-bordered">
21         <thead class="thead-dark">
22           <tr>
23             <th>#</th>
24             <th style="width: 5%">Booking ID</th>
25             <th>Customer Name</th>
26             <th>Houses</th>
27             <th>Total booking price</th>
28             <th>Booking Placed</th>
29             <th>Placed Time</th>
30           </tr>
```

PROPERTY_DETAILS\INDEX.BLADE.PHP

```
index.blade.php x
resources > views > Property_details > index.blade.php > div.container > div.row.justify-content-center > div.col-md-8 > div.card > table > thead
1  @extends('layouts.auth')
2
3  @section('content')
4  <div class="container">
5    @if (Session::get('status'))
6      <div class="alert alert-success">
7        <button type="button" class="close" data-bs-dismiss="alert" aria-label="Close">x</button>
8        {{Session::get('status')}}
9      </div>
10     @endif
11
12    <div class="row justify-content-center">
13      <div class="col-md-8">
14        <div class="card">
15          <thead>
16            <tr>
17              <div class="card-header">
18                <div class="float-left">
19                  <FONT SIZE="5">{{$house['title']}}</font>
20                </div>
21              </div>
22            </tr>
23          </thead>
24
25          <table>
26            <thead>
27              <tr>
28                <td style="width:3%"></td>
29                <td VALIGN=TOP style="width:40%"><br> views > propertyHouse > create.blade.php > div.container > div.card.mt-4 > div.card-body > form > br
1  @extends('layouts.app')
2
3  @section('content')
4  <div class="container">
5
6    @if (session('status'))
7      <div class="alert alert-success alert-dismissible fade show" role="alert">
8        {{ session('status') }}
9        <button type="button" class="btn-close" data-bs-dismiss="alert" aria-label="Close"></button>
10      </div>
11    @endif
12
13    <div class="card mt-4" style="font-family: 'Open Sans', sans-serif;">
14      <div class="card-header">
15        <p class="font-weight-bold m-0">Add House</p>
16      </div>
17      <div class="card-body" style="font-size: 16px;">
18        <form action="addHouse" method="POST" enctype="multipart/form-data">
19          @csrf
20          <div class="form-group">
21            <label for="Title">Title</label>
22            <input type="text" id="title" name="title" class="form-control form-control-sm @error('title') is
23              @enderror('title')><div class="d-block invalid-feedback">{{$message}}</div>@enderror
24          </div>
25          <div class="form-group">
26            <label for="Description">Description</label>
27            <textarea id="description" name="description" class="form-control form-control-sm @error('descrip
28              @enderror('description')><div class="d-block invalid-feedback">{{$message}}</div>@enderror
29          </div>
30          <div class="form-group">
```

SCREENSHOTS OF DATABASE TABLES



← Server: MySQL:3306 » Database: test » Table: bookings

Browse **Structure** **SQL** **Search** **Insert** **Export** **Import** **Privileges** **Open**

Showing rows 0 - 3 (4 total, Query took 0.0003 seconds.)

```
SELECT * FROM `bookings`
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

<input type="checkbox"/> Show all	Number of rows:	25	Filter rows:	Search this table	Sort by key:	None				
+ Options										
		← ↑ →	id	user_id	total_price	paid	booking_status	created_at	updated_at	
<input type="checkbox"/>	Edit	Copy	Delete	13	5	80	0	processing	2023-04-17 11:14:31	2023-04-17 11:19:56
<input type="checkbox"/>	Edit	Copy	Delete	12	5	0	0	processing	2023-04-17 06:34:53	2023-04-17 06:35:40
<input type="checkbox"/>	Edit	Copy	Delete	11	5	80	0	processing	2023-04-16 22:04:50	2023-04-16 22:05:55
<input type="checkbox"/>	Edit	Copy	Delete	10	5	80	0	processing	2023-04-16 22:02:44	2023-04-16 22:05:10

↑ Check all With selected: [Edit](#) [Copy](#) [Delete](#) [Export](#)

← Server: MySQL:3306 → Database: test → Table: booking_items

[Browse](#) [Structure](#) [SQL](#) [Search](#) [Insert](#) [Export](#) [Import](#) [Privileges](#)

Showing rows 0 - 2 (3 total, Query took 0.0002 seconds.)

```
SELECT * FROM `booking_items`
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

<input type="checkbox"/> Show all	Number of rows:	25	Filter rows:	Search this table	Sort by key:	None		
+ Options ← T →								
		▼ id	booking_id	house_id	created_at	updated_at		
<input type="checkbox"/>	Edit	Copy	Delete	3	8	1	2023-04-16 18:14:32	2023-04-16 18:14:32
<input type="checkbox"/>	Edit	Copy	Delete	5	11	1	2023-04-16 22:04:50	2023-04-16 22:22:32
<input type="checkbox"/>	Edit	Copy	Delete	8	13	4	2023-04-17 11:19:10	2023-04-17 11:19:10

[↑](#) Check all With selected: [Edit](#) [Copy](#) [Delete](#) [Export](#)

← Server: MySQL:3306 » Database: test » Table: houses

⚙️

Browse Structure SQL Search Insert Export Import Privileges Operations Triggers

Showing rows 0 - 3 (4 total, Query took 0.0003 seconds.)

```
SELECT * FROM `houses`
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

	id	title	description	category	picture	checkin	checkout	price	created_at	updated_at
<input type="checkbox"/>	1	single	For 1 person	single	1681486540_singl.jpg	2023-04-29	2023-05-04	100	2023-04-14 15:35:40	2023-04-14 15:35:40
<input type="checkbox"/>	2	Duo	For 2 person	duo	1681667954_duo.jifif	2023-04-29	2023-05-06	100	2023-04-14 15:37:51	2023-04-16 17:55:00
<input type="checkbox"/>	3	Family	For family	family	1681486695_family2.jpg	2023-04-29	2023-05-04	100	2023-04-14 15:38:15	2023-04-16 17:55:00
<input type="checkbox"/>	4	House	House Example 1	family	1681729368_house.jifif	2023-04-29	2023-05-06	100	2023-04-17 11:02:48	2023-04-17 11:02:48

⬆️ Check all With selected: Edit Copy Delete Export

← Server: MySQL:3306 » Database: test » Table: users

[Browse](#) [Structure](#) [SQL](#) [Search](#) [Insert](#) [Export](#) [Import](#) [Privileges](#) [Operations](#) [Triggers](#)

Showing rows 0 - 2 (3 total, Query took 0.0003 seconds.)

```
SELECT * FROM `users`
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 ▾ Filter rows: Search this table Sort by key: None ▾

+ Options

	← T →	id	username	fullname	email	email_verified_at	mobile_no	address	password
<input type="checkbox"/>	Edit Copy Delete	3	Yun Zhao	yunzhao	yunzhao@gmail.com	NULL	0123456789	kl	\$2y\$10\$skR3jInR1EQ06yeuAtnbw...
<input type="checkbox"/>	Edit Copy Delete	5	tester12345	tester	tester123@gmail.com	NULL	0123456789	sungai long	\$2y\$10\$sHNSS71lbcuofL2UGj2LY...
<input type="checkbox"/>	Edit Copy Delete	4	lol	lol	lol@gmail.com	NULL	01234567890	kl	\$2y\$10\$jzIR4bcPuEjMxqhHvYn2V...

↑ Check all With selected: [Edit](#) [Copy](#) [Delete](#) [Export](#)

Show all | Number of rows: 25 ▾ Filter rows: Search this table Sort by key: None ▾

ARCHITECTURE OF THE APPLICATION BASED ON MVC

