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Routes

```
Route::get('/', function () {
    return view('welcome', ['message' => 'Welcome to the homepage!']);
})->name('homepage');
```

This route acts as the route for the homepage. It displays a custom message that displays "Welcome to the Homepage!".

```
Route::redirect('/home', "/");
```

Redirects the user to the home view with both /home and /.

```
Route::get('/contact', function () {
    return view("contact");
})->name('contact');
```

This route directs the user to the contact form view.

```
Route::post('/contact/submit', function (Request $request) {
    $username = $request->input('username');
    return redirect()->route('user.optional', ['username' => $username]);
})->name('user.submit');
```

This route captures the input of the user in the contact form and passes the "username" parameter.

```
Route::get('/user/{username}', function ($username) {
    return view('user', ['username' => $username]);
})->where('username', '[A-Za-z]+')->name('user.show');
```

This route makes sure the form only accepts characters from A-Z & a-z.

```
Route::get('/user/{username?}', function ($username = 'Guest') {
    return view('user', ['username' => $username]);
})->where('username', '[A-Za-z]+')->name('user.optional');
```

This route is an alternate route if no username has been inputted and it defaults as "Guest".

```php
Route::middleware(['web'])->group(function () {
    Route::get('/', function () {
        return view('welcome', ['message' => 'Welcome to our Homepage!']);
    })->name('homepage');

    Route::view('/about1', 'about1')->name('about1');

    Route::redirect('/home', '/');

    Route::get('/contact', function () {
        return view('contact');
    })->name('contact');

    Route::prefix('user')->group(function () {
        Route::get('/{username?}', function ($username = 'Guest') {
            return view('user', ['username' => $username]);
        })->where('username', '[A-Za-z]+')->name('user.optional');
    });
});
```

The route is a web middleware that is responsible for handling common tasks like session state, CSRF protection, and URL generation.

Website Navigation

```html
<nav class="navbar navbar-expand-lg">
    <div class="container">
        <a class="navbar-brand" href="{{ route('homepage') }}"></a>
        <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation">
            <span class="navbar-toggler-icon"></span>
        </button>
        <div class="collapse navbar-collapse" id="navbarNav">
            <ul class="navbar-nav ms-auto">
                <li class="nav-item">
                    <a class="nav-link" href="{{ route('homepage') }}">Home</a>
                </li>
                <li class="nav-item">
                <a class="nav-link" href="{{ route('about1') }}">About Us</a>
                </li>
                <li class="nav-item">
                    <a class="nav-link" href="{{ route('contact') }}">Contact Us</a>
```
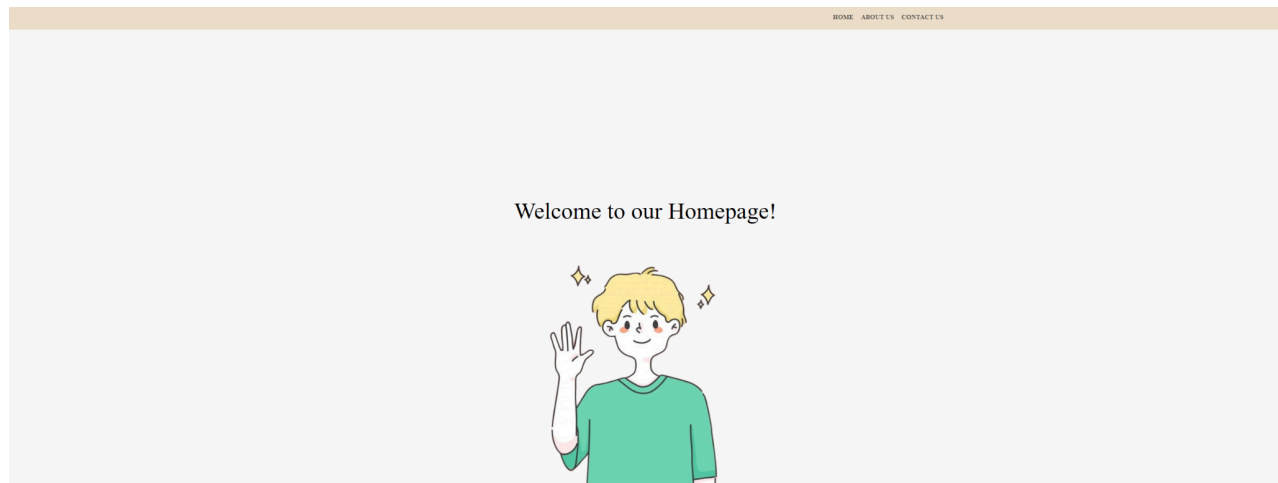
Navbar to the homepage to navigate to other pages

```
<div class="content">
        <div class="welcome-message">
            {{ $message }}
        </div>

        <div class="welcome-image">
            <img src="{{ asset('images/whi.png') }}" alt="Welcome Image">
        </div>
    </div>
```
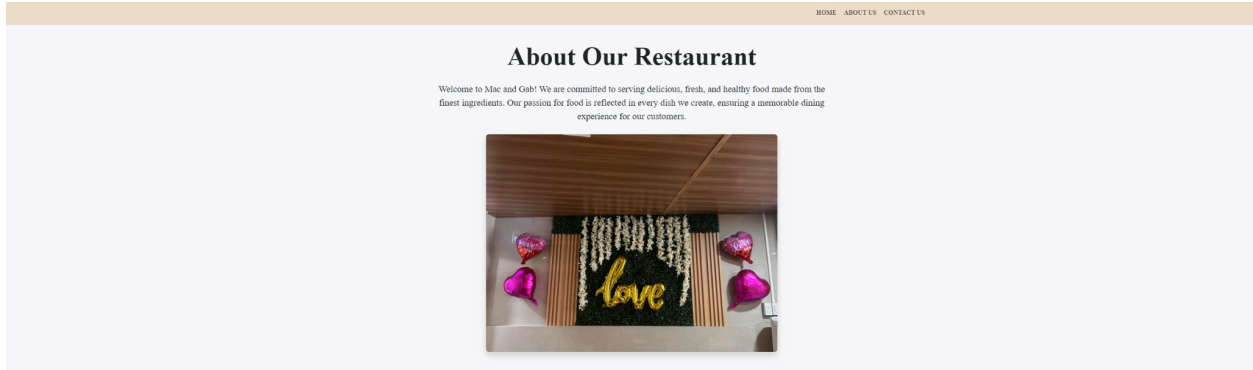

Displays the message "Welcome to our Homepage" and an image.

```
<div class="navbar-container">
    <!-- Navbar -->
    <nav class="navbar navbar-expand-lg">
        <div class="container">
            <a class="navbar-brand" href="{{ route('homepage') }}"></a>
            <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation">
                <span class="navbar-toggler-icon"></span>
            </button>
            <div class="collapse navbar-collapse" id="navbarNav">
                <ul class="navbar-nav ms-auto">
                    <li class="nav-item">
                        <a class="nav-link" href="{{ route('homepage') }}">Home</a>
                    </li>
                    <li class="nav-item">
                        <a class="nav-link" href="{{ route('about1') }}">About Us</a>
                    </li>
                    <li class="nav-item">
                        <a class="nav-link" href="{{ route('contact') }}">Contact Us</a>
                    </li>
                </ul>
            </div>
        </div>
    </nav>
</div>
<!-- About Section -->
<section id="about" class="py-5 bg-light">
    <div class="container">
        <div class="row justify-content-center">
            <div class="col-md-8 text-center">
                <h2 class="display-4 mb-4">About Our Restaurant</h2>
                <p class="lead mb-4">
                    Welcome to Mac and Gab! We are committed to serving delicious, fresh, and healthy food
                    made from the finest ingredients. Our passion for food is reflected in every dish we create,
                    ensuring a memorable dining experience for our customers.
                </p>
            </div>
        </div>
        <div class="row justify-content-center">
            <div class="col-md-6">
                <img src="{{ asset('images/landscapepic.jpg') }}" class="img-fluid rounded shadow" alt="Restaurant">
            </div>
        </div>
    </div>
</section>
```

Directs the user into viewing the /about1 view.

```
<section id="contact">
    <div class="container">
        <h2 class="text-left" >Contact Us</h2>
        <div class="row">
            <div class="col-md-6">
                <form action="{{ route('user.submit') }}" method="POST">
                    @csrf
                    <div class="mb-4">
                        <label for="username">Name </label>
                        <input type="text" class="form-control" id="username" name="username">
                    </div>
                    <div class="mb-4">
                        <label for="email" class="form-label">Email</label>
                        <input type="email" class="form-control" id=email name="email">
                    </div>
                    <div class="mb-4">
                        <label for="phone" class="form-label">Phone</label>
                        <input type="phone" class="form-control" id=phone name="phone">
                    </div>
                    <div class="mb-4">
                        <label for="message" class="form-label">Message</label>
                        <textarea class="form-control" id="message" rows="4" name="message"></textarea>
                    </div>
                    <button type="submit" class="btn btn-primary">Submit</button>
                </form>
            </div>
            <div class="col-md-6">
                <img src="{{ asset('images/l_cs.png') }}" alt="Contact Image" class="contact-image">
            </div>
        </div>
    </div>
</section>
```

Contact form view that accepts input user data like the Name, Email, Phone and Message. Only the name input is used for the /user view.

Contact Us Form

User view that displays the message "Welcome, (Username)". Or if the user did not specify a name it will default into "Welcome, Guest!"

With user name input the /user view uses the inputted name.

Without user input, the user view reverts back to the "Guest" Username