Unit

Send Email From

Laravel

Introduction

Its required to send some transactional emails, updates, password reset link, OTP or any other data to our users.

We need to setup email credentials for sending emails.

How to send emails from Laravel

Configure Email Server with our domain, public email service providers

Create new project

Open .env file and Configure Mail settings

```
MAIL_MAILER=smtp
MAIL_HOST=smtp.gmail.com
MAIL_PORT=587
MAIL_USERNAME="kalpesh915@gmail.com"
MAIL_PASSWORD="ktcxvbwjycqcvtqy"
MAIL_ENCRYPTION=tls
MAIL_FROM_ADDRESS="kalpesh915@gmail.com"
MAIL_FROM_NAME="${APP_NAME}"
```

Create required controllers and mail file

Php artisan make:controller EmailController

Php artisan make:mail sampleEmail

Create view for send email data

Create function in controller file

```php
<?php

namespace App\Http\Controllers;

use App\Mail\EmailDemo;
use Illuminate\Http\Request;
use Illuminate\Support\Facades\Mail;

class EmailController extends Controller
{
    //
    public function sendEmail(){
        $receiverEmail = "receiver@domain.com";
        $subject = "testing";
        $message = "this is email demo";

        Mail::to($receiverEmail)->send(new EmailDemo($message, $subject));
    }
}
```

Create mail file

```php
<?php

namespace App\Mail;

use Illuminate\Bus\Queueable;
use Illuminate\Contracts\Queue\ShouldQueue;
use Illuminate\Mail\Mailable;
use Illuminate\Mail\Mailables\Content;
use Illuminate\Mail\Mailables\Envelope;
use Illuminate\Queue\SerializesModels;

class EmailDemo extends Mailable
{
    use Queueable, SerializesModels;

    /**
     * Create a new message instance.
     */
    public $message, $subject;
    public function __construct($message, $subject)
    {
        //
        $this->message = $message;
        $this->subject = $subject;
    }

    /**
     * Get the message envelope.
     */
    public function envelope(): Envelope
    {
```

```php
        return new Envelope(
            // subject: 'Email Demo',
            subject: $this->subject,
        );
    }


    /**
     * Get the message content definition.
     */
    public function content(): Content
    {
        return new Content(
            view: 'SampleEmail',
            //text: 'SampleEmail',
        );
    }


    /**
     * Get the attachments for the message.
     *
     * @return array<int, \Illuminate\Mail\Mailables\Attachment>
     */
    public function attachments(): array
    {
        return [];
    }
}
```

Sample Email Blade file

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <meta http-equiv="X-UA-Compatible" content="ie=edge">
    <title>Document</title>
</head>
<body>
    <h1>{{ $subject }}</h1>
    <p>{{ $message }}</p>
</body>
</html>
```

Create required route and call function for send email

You can also set CC and BCC

```
Mail::to($receiverEmail)->CC(Another Email ID)->send(new EmailDemo($message,
$subject));
```

```
Mail::to($receiverEmail)->BCC(Another Email ID)->send(new EmailDemo($message,
$subject));
```

Must Delete your google key after testing your code