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Github\_link: <https://github.com/mubarakbd/Laravel-Developer-Skill-Test.git>

Task Name : Laravel Developer Skill Test

First of I have created migration file name is user\_reg(name,email,phone)

```
public function up()
{
    Schema::create('user_reg', function (Blueprint $table) {
        $table->id();
        $table->string("name");
        $table->string("email")->unique();
        $table->string("phone")->unique();
        $table->timestamps();
    });
}
```

Before I begin work on my project makes some modifications .env file.

Then use **php artisan config:cache**

```
MAIL_MAILER=smtp
MAIL_HOST=smtp.mailtrap.io
MAIL_PORT=25
MAIL_USERNAME=21f49127b64f15
MAIL_PASSWORD=a8add6ba7fad74
MAIL_ENCRYPTION=tls
MAIL_FROM_ADDRESS='neub.info.bd@gmail.com'
MAIL_FROM_NAME="${APP_NAME}"
```

Then I create a Registration page using Bootstrap with components like name email phone with validation and with showing error messages.

For validation, I have created Everything is ok User can register

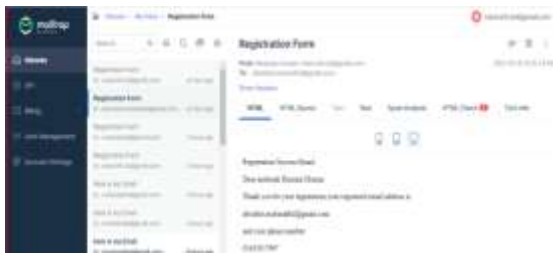


The image displays two screenshots of a web registration form. The left screenshot shows the form with three input fields: Name, Email, and Phone. Each field has a red error message below it: "The name field is required", "The email field is required", and "The phone field is required". A blue "Register" button is at the bottom. The right screenshot shows a green success message box that says "Registration Successfully Done Please Check Email".

```
public function rules()
{
    return [
        'name' => 'required|max:255',
        'email' => ['required', 'string', 'email', 'max:255', 'unique:user_regs'],
        'phone' => 'required|digits:11|numeric|unique:user_regs,phone',
    ];
}
```

For validations purpose, I have created a separate request class for handling all kinds of validation checks. then I have to Use this request class in UserController.

For mailing purposes, i have created a mailable class php artisan make mail: WelcomeMail. For sending emails i have used <https://mailtrap.io/> SMTP server for testing purposes.



After that user can receive an email notification with name, email, phone For queues purposes first, I configured .env file using the queue database. Using following those artisan command

```
BROADCAST_DRIVER=log
CACHE_DRIVER=file
FILESYSTEM_DRIVER=local
QUEUE_CONNECTION=database
SESSION_DRIVER=file
SESSION_LIFETIME=120
```

```
php artisan queue:table
```

```
php artisan migrate
```

```
php artisan queue:work
```

For installation process

1. download the zip or git clone file then extract your own directory
2. Create database file then configer.env file
- 3.php artisan migrate
- 4.php artisan serve
5. Queue purposes:  
php artisan queue:workif this command is not run mail will be not sent