**Task Scheduling with Cron**

Blog url:

1. <https://www.itsolutionstuff.com/post/task-scheduling-with-cron-job-in-laravel-58example.html>
2. <https://www.cloudways.com/blog/laravel-cron-job-scheduling/>
3. Youtube: VVI Cpanel cron job set:

<https://www.youtube.com/watch?v=dTgCo-aUJ1E>

1. Install Laravel

composer create-project --prefer-dist laravel/laravel blog

1. Create Command:

php artisan make:command email:inactive-users

1. Now make some changes on Command file.

**app/Console/Commands/emailInactiveUser.php**

<?php

namespace App\Console\Commands;

use App\*User*;

use Carbon\*Carbon*;

use Illuminate\Console\*Command*;

use App\Notifications\*reminderMail*;

*class* emailInactiveUsers extends *Command*

{

    /\*\*

     \* The name and signature of the console command.

     \*

     \* @var string

     \*/

    protected $signature = 'email:inactive-users';

    /\*\*

     \* The console command description.

     \*

     \* @var string

     \*/

    protected $description = 'Email inactive users';

    /\*\*

     \* Create a new command instance.

     \*

     \* @return void

     \*/

    public *function* \_\_construct()

    {

*parent*::\_\_construct();

    }

    /\*\*

     \* Execute the console command.

     \*

     \* @return mixed

     \*/

    public *function* handle()

    {

        $limit = *Carbon*::now()->subDays(7);

        // $users = User::where('last\_login','<',$limit)->orWhere('last\_login',NULL)->get();

        $users = *User*::where('last\_login','=',*Carbon*::today())->get();

        $ur = *User*::where('id',1)->update(['email\_verified\_at'=> *Carbon*::now()]);

        foreach($users as $user){

            $user->notify(new *reminderMail*());

            $this->info('Email send to'.$user->email);

        }

        $this->info(*Carbon*::today());

        // $this->info($users);

    }

}

**Step 3: Register on Task Scheduler**

**app/Console/Kernel.php**

<?php

namespace App\Console;

use Illuminate\Console\Scheduling\*Schedule*;

use Illuminate\Foundation\Console\*Kernel* as ConsoleKernel;

*class* Kernel extends *ConsoleKernel*

{

    /\*\*

     \* The Artisan commands provided by your application.

     \*

     \* @var array

     \*/

    protected $commands = [

        \App\Console\Commands\emailInactiveUsers::class,

    ];

    /\*\*

     \* Define the application's command schedule.

     \*

     \* @param  \Illuminate\Console\Scheduling\*Schedule*  $schedule

     \* @return void

     \*/

    protected *function* schedule(*Schedule* $schedule)

    {

        $schedule->command('email:inactive-users')

                 ->hourly();

    }

    /\*\*

     \* Register the commands for the application.

     \*

     \* @return void

     \*/

    protected *function* commands()

    {

        $this->load(\_\_DIR\_\_.'/Commands');

        require base\_path('routes/console.php');

    }

}

To test the work run

himel@DESKTOP-5D6ODNJ MINGW64 /f/laragon/www/klassroom\_youtube

$ php artisan email:inactive-users

Email send tonuruzzaman.himel147@gmail.com

2021-09-19 00:00:00

Step 4: Run Scheduler Command For Test

now we are ready to run our cron, so you can manually check using following command of your cron. so let's run bellow command:

php artisan schedule:run

############## VVI C panel Cron job setting

/usr/local/bin/php /home/designbd/public\_html/tastmanager/artisan schedule:run >> /dev/null 2>&1