**V-1**

**All this data are in database**

**php artisan make:notification TaskController**

1. using facades notification
2. error: Call to a member function notify() on null

**V-2**

1. create **php artisan queue:table** jobs table in db
2. QUEUE\_CONNECTION=database in .env
3. **php artisan queue:work**

//delay

    $when = Carbon::now()->addMinutes(10);

    User::find(1)->notify((new TaskCompleted))->delay($when);

**V-3**

Error: Undefined variable: user (View: C:\wamp64\www\notification3\resources\views\welcome.blade.php)

Sol:

**V-4**

**TaskCompleted.php**

public function via($notifiable)

    {

        //return ['mail'];

        return ['database'];

    }

public function toArray($notifiable)

    {

        return [

            'data' => 'This is data'

        ];

    }

Icon for bell notification

Fontawesome copy all css->link html

Check maxcdn

<link href="https://maxcdn.bootstrapcdn.com/font-awesome/4.6.3/css/font-awesome.min.css" rel="stylesheet" integrity="sha384-T8Gy5hrqNKT+hzMclPo118YTQO6cYprQmhrYwIiQ/3axmI1hQomh7Ud2hPOy8SP1" crossorigin="anonymous">

Goto ->User model trait **Notificable**(goto defination) **HasNotification**-> use only notification

 @foreach(Auth::user()->notifications as $notification)

       <li><a href="#">{{ $notification->data['data'] }}</a></li>

 @endforeach

$note->data['data'] two times data because data column {"data":"This is data"} is in array

**BroadCasting**

1. Require server channel for broadcasting message so Pusher.com realtime broadcasting used and laravel support redis and pusher both.
2. Frontend and backend language selected

a. Create new app in channel and **composer require pusher/pusher-php-server**

b. Appkeys paste in .env file

c. config->app.php->uncomment

App\Providers\BroadcastServiceProvider::class,

d. config->broadcast.php->check for pusher installed

e. in resources->app->bootstrap.js-> window.pusher and window.echo in 5.6 not to add below it to be added

f. client and server package is required

g. laravel doc Digging deeper-> Broadcasting

h. In app.blade.php add to check for notification

<meta name="user-id" content="{{ Auth::check() ? Auth::user()->id : ''}}”>

1. package manager **composer require pusher/pusher-php-server “3.0”** event broadcasting

j. Laravel Echo composer from Recieving Broadcast **npm install –save laravel-echo pusher- js**

k. Debug Console

**SMS Notification**

1. .env file setting key and secret key
2. **Composer require vonage/client**
3. Refer laravel doc sms notification and install all sms notification
4. Services.php copy all .env key,secret
5. **php artisan vendor:publish**

Select: Nexmo\Laravel\NexmoServiceProvider and config->nexmo.php created

1. Config->Nexmo.php->signature copy in env file
2. php artisan make:migration update\_users\_table --table=users

add phone number to users table

1. RegisterController phone added as to get message after registeration