

实现文档

一、任务分工



- 前后台视图模板以及留言管理+实时数据以及疫情趋势图 --王鹏
- 前后台文章发布和管理以及世界疫情图 --黄林澜
- 前后台个人信息和管理以及中国疫情图 --王润泽
- 前后台疫情知识，辟谣与防护发布管理 --刘衍辰、陈横

二、项目实施概览

1. 任务分工：Trella 加微信群协同分配任务 (Trella 截图如上)
2. 项目管理，版本控制：Git
3. 远程仓库：Github 仓库项目截图如下：（截图于 2020-6-8）

Github 地址：

<https://github.com/NKtoString/OurTeam>

互联网数据开发小组

Edit

Manage topics

6 commits


3 branches

0 packages

0 releases

2 contributors

BSD-3-Clause

 We found potential security vulnerabilities in your dependencies.
You can see this message because you have been granted [access to Dependabot alerts for this repository](#).

View Dependabot alerts

Branch: master

New pull request

Create new file

Upload files

Find file

Clone or download

linlany this is article Latest commit f6ec0a6 5 days ago		
backend	第一次提交	19 days ago
common	第一次提交	19 days ago
console	第一次提交	19 days ago
environments	第一次提交	19 days ago
frontend	world map update by hll	6 days ago
vagrant	第一次提交	19 days ago
.bowerrc	第一次提交	19 days ago
.gitignore	第一次提交	19 days ago

LICENSE.md	第一次提交	19 days ago
Readme.md	第一次提交	19 days ago
Vagrantfile	第一次提交	19 days ago
article.7z	this is article	5 days ago
codeception.yml	第一次提交	19 days ago
composer.json	第一次提交	19 days ago
composer.lock	第一次提交	19 days ago
docker-compose.yml	第一次提交	19 days ago
index.html	第一次提交	last month
init	第一次提交	19 days ago
init.bat	第一次提交	19 days ago
requirements.php	第一次提交	19 days ago
sh.exe.stackdump	第一次提交	last month
yii.bat	第一次提交	19 days ago

Branch: master ▾		
Commits on Jun 3, 2020		
<div>this is article</div> <div>linlany committed 5 days ago</div>	f6ec8a6	<>
Commits on Jun 2, 2020		
<div>world map update by hll</div> <div>linlany committed 6 days ago</div>	f5784cb	<>
Commits on May 20, 2020		
<div>第一次提交</div> <div>nkwangpeng committed 19 days ago</div>	37098ad	<>
<div>第一次提交</div> <div>nkwangpeng committed 19 days ago</div>	e2e473f	<>
Commits on May 8, 2020		
<div>test</div> <div>linlany committed on 8 May</div>	7543fea	<>
<div>第一次提交</div> <div>nkwangpeng committed on 8 May</div>	22e8b8b	<>

三、项目各模块代码实现细节

I. 前后台视图模板以及留言管理+实时数据以及疫情趋势图 一王鹏

1. 前台 Home 页面





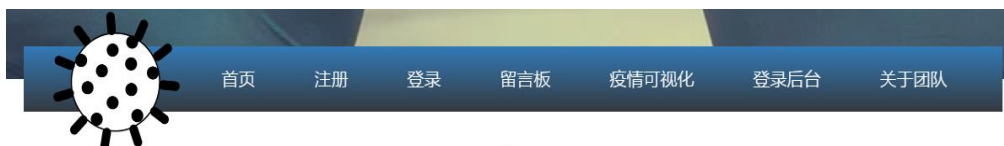
1.1 主要使用关于 Covid 的前端模板

<http://www.bootstrapmb.com/item/7775>

1.2 导航栏部分设计

游客可以浏览 Home 页面，如果留言需要注册登录。

非登录状态显示：



登录状态显示：



```
<nav class="nav-main">
  <ul id="topMain" class="nav nav-pills nav-main"
style="text-align:center;">
    <li class="mega-menu logo-menu" frag="窗口 10200">
      <a style="position: absolute;top: -52px;"></a>
      <!-- No Data -->
    </li>
    <?php if (Yii::$app->user->isGuest) {echo
      '<li class="mega-menu mega-menu-right1" >
        <a class="js-scroll-trigger" href="#page-top">首页
      </a>
      </li>
    }>
```

```

        <li class="mega-menu  " >
            <a class="js-scroll-trigger"
href="index.php?r=site/signup">注册</a>
        </li>

        <li class="mega-menu" frag="窗口 10202">
            <a class="js-scroll-trigger"
href="index.php?r=site/login">登录</a>
        </li>';}}?>
else{echo
        '<li class="mega-menu mega-menu-right1" >
            <a href="javascript:void(0);"
onclick="document.getElementById(\'myform\').submit();">退出登录</a>
                <form id="myform" method= "post"
action="index.php?r=site/logout">
                    </form>
                </li>';}
        <li class="mega-menu" frag="窗口 10203">
            <a class="js-scroll-trigger" href="#comment">留言
板</a>
        </li>
        <li class="mega-menu" frag="窗口 10204">
            <a class="js-scroll-trigger"
href="index.php?r=site/visual">疫情可视化</a>
        </li>
        <li class="mega-menu active" >
            <a class="js-scroll-trigger"
href=" ../.. /backend/web">登录后台</a>
        </li>
        <li class="mega-menu" frag="窗口 10206">
            <a class="js-scroll-trigger" href="#team">关于团队
</a>
        </li>
    </ul>
</nav>

```

2. 前台留言功能

游客可以浏览 Home 页面，但无法进行留言，如果留言需要注册登录。

主动隔离，及时到医疗机构就诊

避免接触禽畜、野生动物及其排泄物和分泌物

减少外出，避免近距离接触有感冒症状的人

同心协力，共克时艰

@wp 说: da's'd
2020-05-21 08:13:46

@wp 说: ddd
2020-05-17 01:49:35

@wp 说: dwadawdawdwad
2020-05-13 04:04:13

@test002 说: success
2020-05-13 11:34:03

@wrz 说: sadasdads萨达萨达是
2020-05-12 11:21:44

留言

Wishes.php

```
class Wishes extends \yii\db\ActiveRecord
{
    public static function tableName()
    {
        return '{{%wishes}}';
    }

    public function rules()
    {
        return [
            [['user_id', 'content', 'created_at', 'username'],
            'required'],
            [['user_id', 'created_at'], 'integer'],
            [['content', 'username'], 'string', 'max' => 255],
            [['user_id'], 'exist', 'skipOnError' => true, 'targetClass' =>
            User::className(), 'targetAttribute' => ['user_id' => 'id']],
        ];
    }

    public function attributeLabels()
    {
    }
```

```

{
    return [
        'id' => 'ID',
        'user_id' => '用户 id',
        'content' => '内容',
        'created_at' => '创建时间',
        'username' => 'Username',
    ];
}

public function getUser()
{
    return $this->hasOne(User::className(), ['id' => 'user_id']);
}
}

```

SiteController.php

```

public function actionAddWish()
{
    $model=new WishForm();
    $model->content=Yii::$app->request->post('content');
    if ($model->validate()){
        if ($model->create()){
            return json_encode(['status'=>true]);
        }
    }

    return json_encode(['status'=>false,'msg'=>'登录之后才可以留言噢']);
}

```

WishForm.php

```

<?php
namespace frontend\models;
use yii\base\Model;
use yii\base\BaseObject;
use common\models\wishes;
class WishForm extends Model

```

```

{
    public $content;
    public $_lastError;
    public function rules()
    {
        return [
            ['content','required'],
            ['content','string','max'=>255]
        ];
    }
    public function attributeLabels()
    {
        return [
            'id'=>'ID',
            'content'=>'内容'
        ];
    }

    public function getList()
    {
        $model = new Wishes();
        $res=$model->find()
            ->limit(5)
            ->with('user')
            ->orderBy(['id'=>SORT_DESC])
            ->asArray()
            ->all();
        return $res?:[];
    }
    /**
     * 留言保存
     * @return [type] [description]
     */
    public function create()
    {
        try{

```



```

        $model =new wishes();
        $model->user_id =\Yii::$app->user->identity->id;
        $model->content =$this->content;
        $model->username =\Yii::$app->user->identity->username;
        $model->created_at = time();
        if(!$model->save())
            throw new \Exception('保存失败');

        return true;
    }catch(\Exception $e){
        $this->_lastError = $e->getMessage();
        return false;
    }
}
}

```

3. 整合后台 Adminlte 主题

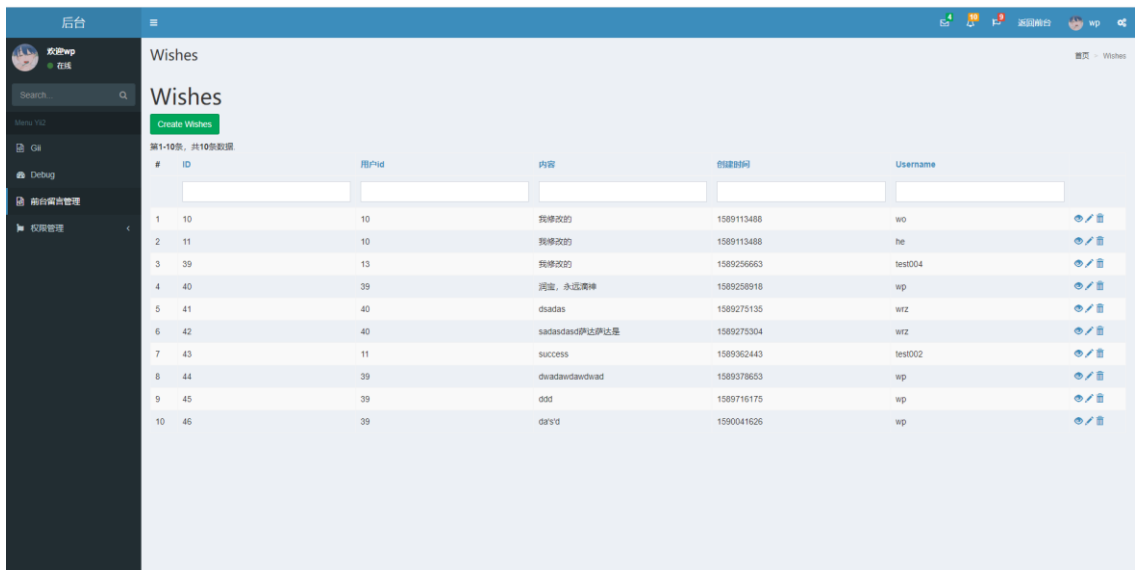
使用 composer 下载

```
composer require dmstr/yii2-adminlte-asset "2.*"
```

之后复制整个 `vendor/dmstr/yii2-adminlte-asset/example-views/yiisoft/yii2-`

`app` 目录下的 `layouts` 目录和 `site` 目录到 `backend/views`，覆盖原始文件。

然后访问后台地址看到如下效果。



注：前台和后台用户是分离的，实现的方法简而言之就是复制 user 表重命名为 admin，然后修改对应的后台登录代码即可

4. 后台管理留言实现

1. 整合 yii2-admin 模板

1.1 使用 composer 安装 yii2-admin

```
composer require mdmsoft/yii2-admin "~2.0"
```

1.2 配置 yii2-admin 运行环境

因为仅将权限控制应用于后台 backend 模块，所以这里将配置写到 <project>/backend/config/main.php 文件里，依次添加如下内容。

```
return [
    'modules' => [
        'admin' => [
            'class' => 'mdm\admin\Module',
            'layout' => 'left-menu', //yii2-admin 的导航菜单
        ]
    ],
    ...
],
...
'components' => [
    ...
    'authManager' => [
        'class' => 'yii\rbac\DbManager', // 使用数据库管理配置文件
    ]
],
'as access' => [
    'class' => 'mdm\admin\components\AccessControl',
    'allowActions' => [
```

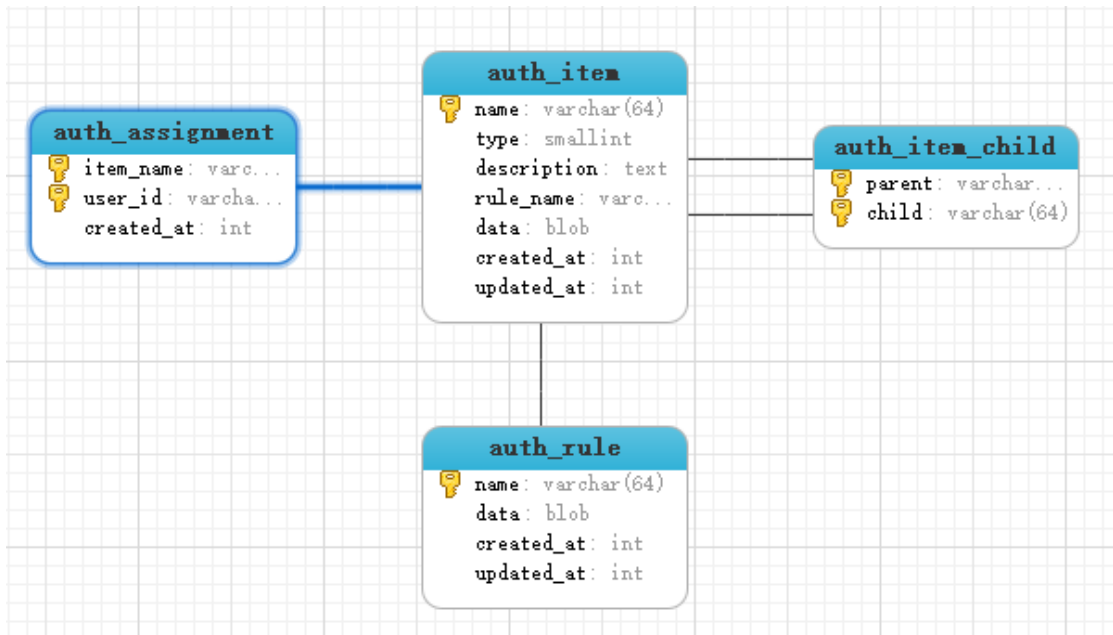
```

        'site/*',//允许访问的节点，可自行添加
    ]
],
];

```

1.3 执行 SQL 语句

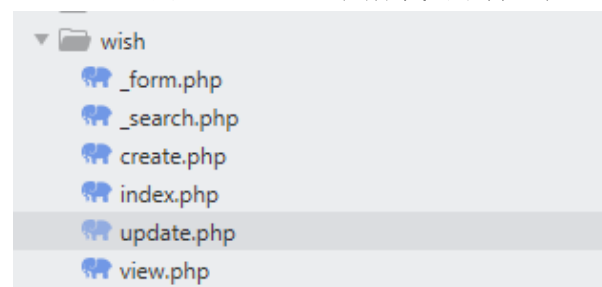
其中 sql 文件保存在 <project>/vendor/yiisoft/yii2/rbac/migrations/schema-mysql.sql 里，直接拖到 navicat 中执行即可得到如下四个表（至此完成整合）



2. 配置留言管理权限

节点 Wish 下共有 index-留言列表,view-查看留言,create-创建留言,update-更新留言,delete-删除留言这五个子节点，可以通过 gii 生成这些代码。

Gii 生成的代码截图如下（具体代码不再呈现）



配置目标：管理员能访问所有节点

添加可分配权限列表，新增 wish 各节点路由表添加至右侧可分配路由列表中，如下。

路由列表

New route(s)

Add

Search for available

/admin/assignment/index

/admin/assignment/view

/admin/assignment/assign

/admin/assignment/revoke

/admin/assignment/*

/admin/default/index

/admin/default/*

/admin/menu/index

/admin/menu/view

/admin/menu/create

/admin/menu/update

/admin/menu/delete

/admin/menu/*

/admin/permission/index

/admin/permission/view

/admin/permission/create

/admin/permission/update

/admin/permission/delete

/admin/permission/assign

/admin/permission/remove

>>

<<

Search for assigned

/admin/*

/wish/*

/wish/create

/wish/delete

/wish/index

/wish/update

/wish/view

给管理员添加所有权限，如下

管理员

更新

删除

新增

名称	管理员
描述	系统管理员，拥有系统一切权限
规则名称	(未设置)
数据	(未设置)

Search for available

Roles

一般用户

未登录用户

Routes

/wish/*

/wish/create

/wish/delete

/wish/index

/wish/update

/wish/view

>>

<<

Search for assigned

Permission

修改留言权限

删除留言权限

所有留言权限

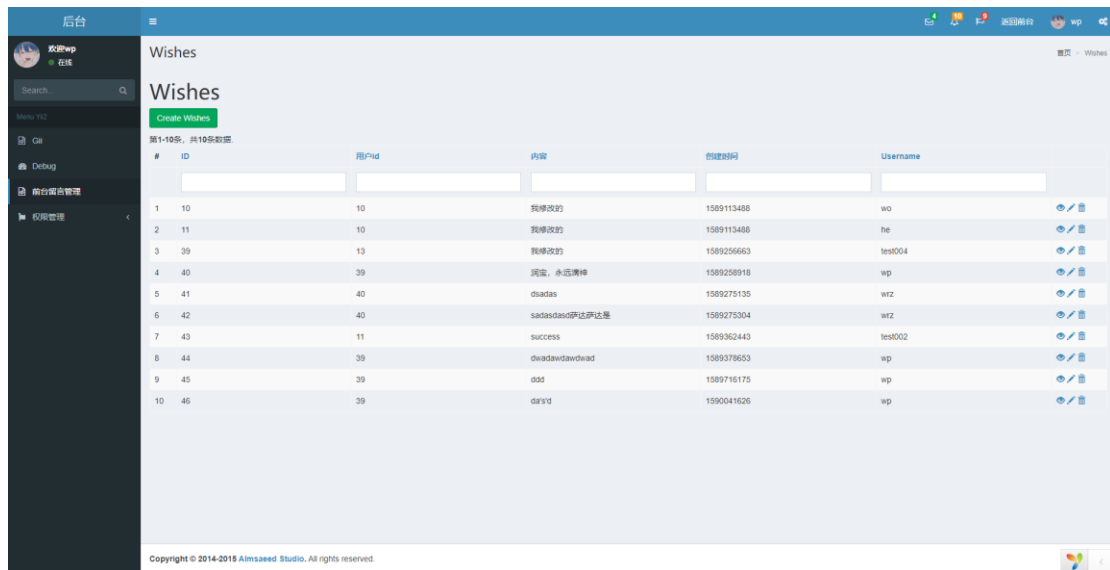
新增留言权限

查看留言权限

Routes

/admin/*

留言管理功能如下：



5. 实时疫情数据和疫情变化趋势（变化趋势截止到 5.1）

5.1 实时疫情数据



数据来源于

dataApi = 'https://api.tianapi.com/txapi/ncov/index?key=9d2ed450b9692452c645db9bb9febd8b'

主要代码:

```
$.getJSON(dataApi, function (newpneumoniadata) {
    var summaryDataIn = newpneumoniadata.newslist[0].desc;
    $(".datasubtitle").text("(截至 "
        + new Date(summaryDataIn.modifyTime).Format("yyyy-MM-dd hh:mm:ss") + ")");
    /*累计确诊*/let confirmedCount = summaryDataIn.confirmedCount;
    /*累计死亡*/let deadCount = summaryDataIn.deadCount;
    /*累计治愈*/let curedCount = summaryDataIn.curedCount;
    /*现有确诊*/let currentConfirmedCount = summaryDataIn.currentConfirmedCount;
    /*现有重症*/let seriousCount = summaryDataIn.seriousCount;
    /*现有疑似*/let suspectedCount = summaryDataIn.}

ajax 向前台传值更新数据库
<script type="text/javascript">
    $(function () {
        $.ajax({
```

```

type : "post",
url : "index.php?r=site/update-current",
dataType : "json",
data:{confirmedCount:PHPconfirmedCount, deadCount:PHPdeadCount,
curedCount:PHPcuredCount,currentConfirmedCount:PHPcurrentConfirmedCount,seriousCount:PHPser
iousCount,suspectedCount:PHPsuspectedCount},
success : function(data) {

}
}}}); </script>

```

5.2 疫情变化趋势（截止到 5.1）

Model 层由 Gii 生成，这里不再赘述。这里用了 echarts 插件，不好连接数据库，因此将数据库的数据生成了 json 网页，通过 getjson 方法获得数据

Controller 层如下：

```

public function actionGive(){
    try{
        Yii::$app->response->format = \yii\web\Response::FORMAT_JSON;
        $all= Tendency::find()->all();
    }catch(\Exception $e){ }
    return $all; }

```

主要代码：

```

$.ajaxSettings.async = false;

$.getJSON("index.php?r=site/give", function (data) {
    dataSource = data;
    console.log(data);
    option.legend.selected['累计确诊'] = true;
    option.legend.selected['累计确诊+现有疑似'] = true;
    option.legend.selected['观察中'] = true;
    option.legend.selected['死亡/确诊'] = true;
    option.legend.selected['新增确诊'] = true;
    option.legend.selected['新增疑似'] = true;
    option.legend.selected['新增(疑似+确诊)'] = true;
    option.dataset.source= dataSource;
})

```

Echarts 插件相关代码

```

var dimensions = ['日期', '累计确诊', '现有确诊（含重症）', '现有疑似', '现有重症', '累计死亡', '累计治愈',

```

```
'累计确诊+现有疑似', '新增确诊', '新增疑似', '新增(疑似+确诊)', '观察中', '死亡/确诊'];

option = {
  title: {
    text: '全国新型肺炎疫情趋势',
    x: 'center',
    y: 'top',
    top: '15px',
    subtext: '(支持缩放及左右滑动)',
    subtextStyle: {
      fontSize: 12
    }
  },
  legend: {
    type: 'scroll',
    x: 'center',
    y: 'bottom',
    padding: [0, 20],
    itemGap: 3,
    selected: {}
  },
  grid: {
    left: '15%',
    bottom: '40px'
  },
  tooltip: {},
  dataset: {
    dimensions: dimensions,
    source: dataSource,
  },
  xAxis: { type: 'category' },
  yAxis: {},
  dataZoom: [{type: 'inside',
    throttle: '50',
    minValueSpan: 7,
    start: 100,
    end: 100}],
```

```

series: [{ type: 'bar' }, { type: 'bar' }, { type: 'bar' }, { type: 'bar' }, { type:
'bar' }, { type: 'bar' },
{ type: 'line',
label: {
normal: {
show: true,
position: 'top', }, }, },
{ type: 'line',
label: {
normal: {
show: true,
position: 'top', }, }, },
{ type: 'line',
label: {
normal: {
show: true,
position: 'top', }, }, },
{ type: 'line',
label: {
normal: {
show: true,
position: 'top', }, }, },
{ type: 'line',
label: {
normal: {
show: true,
position: 'top', }, }, },
{ type: 'line',
label: {
normal: {
show: true,
position: 'top', }, }, },
{ type: 'line',
label: {
normal: {
show: true,
position: 'top',
formatter: function (params) {
str = params.data['死亡/确诊'] + '%'
return str; } }, },
tooltip: {

```



```

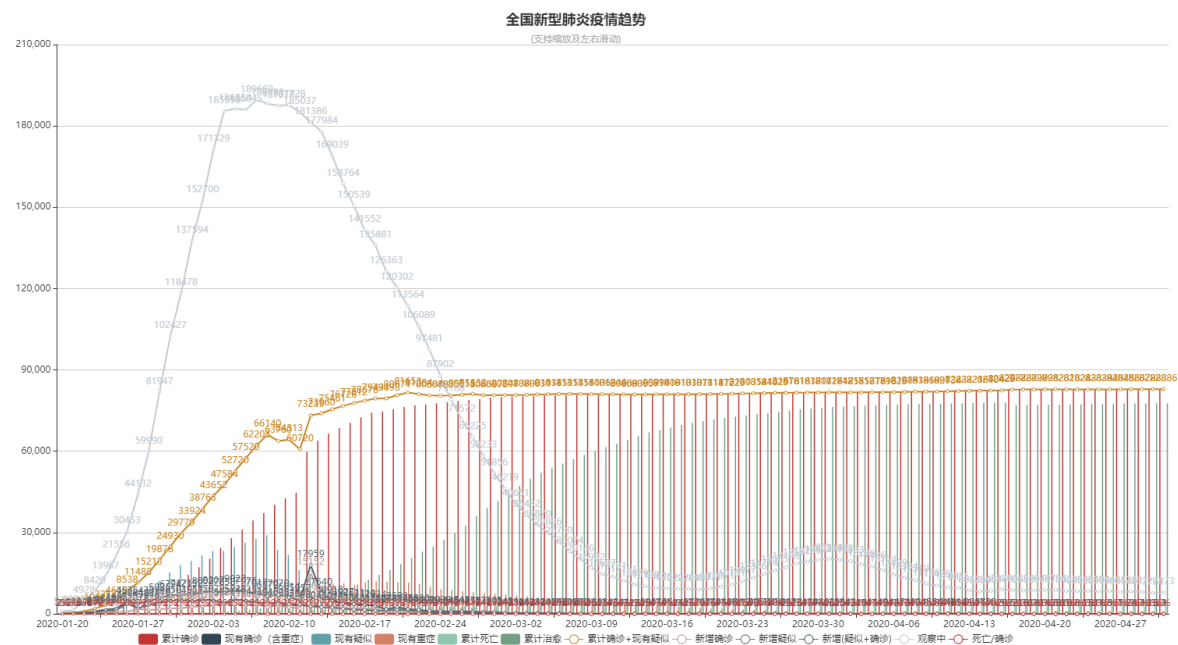
formatter: function (item) {

    str = item.seriesName + "<br>"

    + item.marker + ' ' + item.data['日期'] + ' : ' + item.data['死亡/确诊']

+ '%'; return str; }}}}];

```



II. 前后台文章发布和管理以及世界疫情图—黄林澜

1、前台文章显示

new article

武汉大学: 6... 人民网武汉6月2日电 武汉大学1日晚间发布通报称, 现居境内的毕业生和有科研任务的研究生, 按照错时错峰、自愿申请原则, 自6... [阅读全文](#)

截止至5月31... 新冠病毒疫情在国内的发展趋势已经逐渐明朗, 很多小伙伴都会关注每日的疫情统计更新数据, 从最新数据可以看出, 国内的疫情趋... [阅读全文](#)

测试文章

测试

[阅读全文](#)

阅读全文



自定义的文章 widget，frontend\ widgets\article\ArticleWidget.php



frontend\ widgets\article\views\index.php

```

index.php  X
1  <?php
2  use yii\helpers\Url;
3
4  ?>
5  <style type="text/css">
6  .panell-body h1 {
7      width:150px;
8      font-size: 18px;
9      height:30px;
10     line-height: 30px;
11     margin: 0;
12     white-space:nowrap;
13     overflow:hidden;
14     text-overflow:ellipsis;
15
16 }
17 .panell-body p {
18     width:1000px;
19     white-space:nowrap;
20     overflow:hidden;
21     text-overflow:ellipsis;
22 }
23 .panell {
24     position:relative;
25     top:10px;
26     left:260px;
27     bottom: 40px;
28 }
29
30 </style>
31 <div class="panell">
32     <div class="panell-title box-title">
33         <span><?=$data['title']?></span>
34     </div>
35     <div class="new-list">
36         <?php foreach ($data['body'] as $list):?>
37             <div class="panell-body border-bottom">
38                 <div class="row">
39
40                     <div class="col-lg-8 btn-group" >
41                         <h1><a href="<?=Url::to(['article/view','id'=>$list['id']]?>"><?=$list['title']?></a></h1>
42
43
44                     <p class="post-content"><?=$list['content']?></p>
45                     <a href="<?=Url::to(['article/view','id'=>$list['id']]?>"><button class="btn btn-warning no-radius btn-sm pull-right">阅读全文</button></a>
46                 </div>
47             </div>
48         </div>
49     <?php endforeach,?>
50 </div>
51
52 </div>

```

查看原文的 view, frontend\views\article\view.php

```
view.php  + x
1  <?php
2
3  use yii\helpers\Html;
4  use yii\widgets\DetailView;
5
6  /* @var $this yii\web\View */
7  /* @var $model app\models\Article */
8
9  $this->title = $model->title;
10 $this->params['breadcrumbs'][] = ['label' => 'Articles', 'url' => ['index']];
11 $this->params['breadcrumbs'][] = $this->title;
12 \yii\web\YiiAsset::register($this);
13 ?>
14 <div class="article-view">
15
16     <h1><?= Html::encode($this->title) ?></h1>
17
18     <!--<p>
19         <?= Html::a('Update', ['update', 'id' => $model->id], ['class' => 'btn btn-primary']) ?>
20         <?= Html::a('Delete', ['delete', 'id' => $model->id], [
21             'class' => 'btn btn-danger',
22             'data' => [
23                 'confirm' => 'Are you sure you want to delete this item?',
24                 'method' => 'post',
25             ],
26         ]) ?>
27     </p>
28     -->
29     <?= DetailView::widget([
30         'model' => $model,
31         'attributes' => [
32             'id',
33             'title',
34             'content',
35         ],
36     ]) ?>
37
38 </div>
39
```

article 的使用 yii 自动生成的 model 以及 controller 就不详细说明了

为了组件显示新增的文章表单 model, frontend\models\ArticleForm.php

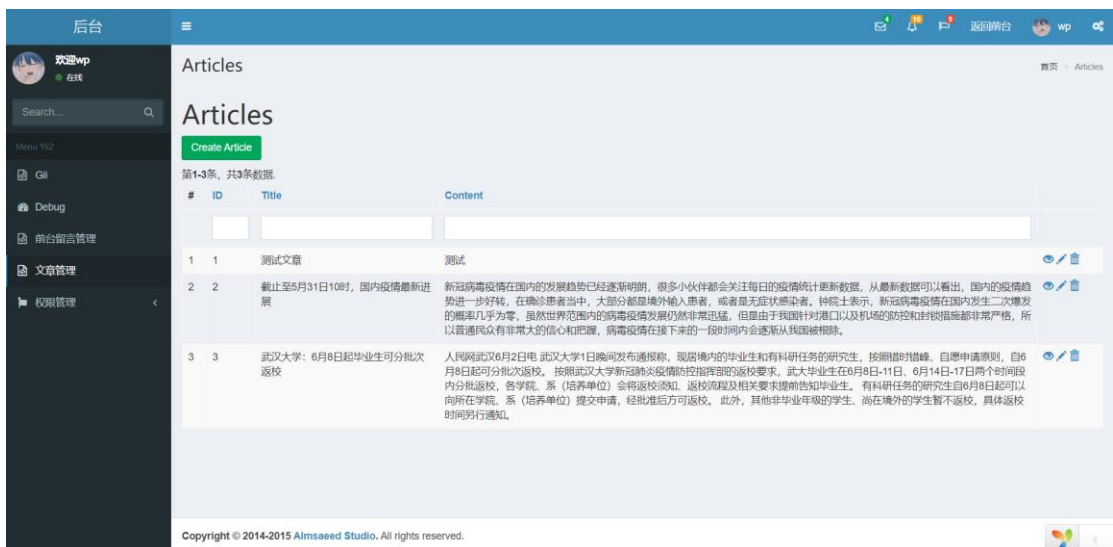
```
ArticleForm.php ➔ ✕
1  <?php
2  namespace frontend\models;
3
4  /**
5   * 文章表单模型
6   */
7
8  use frontend\models\Article;
9  use yii\base\Model;
10
11 class ArticleForm extends Model
12 {
13     public $id;
14     public $title;
15     public $content;
16
17     public $_lastError="";
18
19     public function rules()
20     {
21         return [
22             [['id', 'title', 'content'], 'required'],
23             [['id'], 'integer'],
24             ['title', 'string', 'min' => 1, 'max' => 60],
25         ];
26     }
27
28     public static function getList( $orderBy = ['id' => SORT_DESC])
29     {
30         $model = new Article();
31         //构造查询语句
32         //查询字段
33         $select = ['id', 'title', 'content'];
34         $res = $model->find()
35             ->select($select)
36             ->orderBy($orderBy)
37             ->asArray()
38             ->all();
39
40         //把获取到的数据返回出去
41         return $res?:[];
42     }
43 }
44
```

2、后台文章管理

在导航栏的文件 backend\views\layouts\left.php 中增加一下语句

```
['label' => '文章管理', 'icon' => 'file-code-o', 'url' => ['/article']],
```

显示界面如下



可进行增删改查搜索，MVC 由 gii 生成
给管理员增加文章方面的权限

管理员

更新 删除 新增

名称	管理员
描述	系统管理员，拥有系统一切权限
规则名称	(未设置)
数据	(未设置)

Search for available

Roles
一般用户
未登录用户
Routes
/article/*
/article/create
/article/delete
/article/index
/article/update
/article/view
/wish/*
/wish/create
/wish/delete
/wish/index
/wish/update
/wish/view

Search for assigned

Permission
修改文章权限
修改留言权限
删除文章权限
删除留言权限
所有文章权限
所有留言权限
新增文章权限
新增留言权限
查看文章权限
查看留言权限
Routes
/admin/*

>>

<<

为了更好地适应后台视图，对 gii 生成的视图中 index 中的 gridview 进行设置，
backend\views\article\index.php

```
index.php  + x
1  <?php
2
3  use yii\helpers\Html;
4  use yii\grid\GridView;
5  use yii\widgets\Pjax;
6  /* @var $this yii\web\View */
7  /* @var $searchModel backend\models\ArticleSearch */
8  /* @var $dataProvider yii\data\ActiveDataProvider */
9
10 $this->title = 'Articles';
11 $this->params['breadcrumbs'][] = $this->title;
12 ??
13 <div class="article-index">
14
15     <h1><?= Html::encode($this->title) ?></h1>
16
17     <p>
18         <?= Html::a('Create Article', ['create'], ['class' => 'btn btn-success']) ?>
19     </p>
20     <?php Pjax::begin(): ?>
21     <?php // echo $this->render('_search', ['model' => $searchModel]); ?>
22
23     <?= GridView::widget([
24         'dataProvider' => $dataProvider,
25         'filterModel' => $searchModel,
26         'columns' => [
27             ['class' => 'yii\grid\SerialColumn'],
28
29             [
30                 'attribute' => 'id',
31                 'value' => 'id',
32                 // "headerOptions" => ["width" => "100"],
33                 'contentOptions' => ['style' => 'white-space: normal;', 'width' => '5%'],
34             ],
35             [
36                 'attribute' => 'title',
37                 'value' => 'title',
38                 // "headerOptions" => ["width" => "100"],
39                 'contentOptions' => ['style' => 'white-space: normal;', 'width' => '20%'],
40             ],
41             // "content",
42             [
43                 'attribute' => 'content',
44                 'value' => 'content',
45                 // "headerOptions" => ["width" => "100"],
46                 'contentOptions' => ['style' => 'white-space: normal;', 'width' => '65%'],
47             ],
48             ['class' => 'yii\grid\ActionColumn'],
49         ],
50     ]),
51
52
53
```

3、世界疫情图



View 文件使用了 echarts 以及 echarts 的 world 地图部分进行数据的显示，将数据库的世界疫情数据通过控制器生成了 json 网页，通过 getjson 获取数据。
frontend\views\worldmap\page.php

```
[{"province": "上海", "diagnosis": 18, "totaldiagnosis": 488}, {"province": "台湾", "diagnosis": 0, "totaldiagnosis": 185}, {"province": "内蒙古", "diagnosis": 5, "totaldiagnosis": 137}, {"province": "北京", "diagnosis": 4, "totaldiagnosis": 197}, {"province": "海南岛", "diagnosis": 0, "totaldiagnosis": 0}, {"province": "甘肃", "diagnosis": 5, "totaldiagnosis": 443}, {"province": "西藏", "diagnosis": 0, "totaldiagnosis": 155}, {"province": "四川", "diagnosis": 18, "totaldiagnosis": 381}, {"province": "云南", "diagnosis": 4, "totaldiagnosis": 196}, {"province": "宁夏", "diagnosis": 0, "totaldiagnosis": 79}, {"province": "安徽", "diagnosis": 0, "totaldiagnosis": 991}, {"province": "山东", "diagnosis": 4, "totaldiagnosis": 792}, {"province": "山西", "diagnosis": 0, "totaldiagnosis": 188}, {"province": "广东", "diagnosis": 0, "totaldiagnosis": 1687}, {"province": "广西", "diagnosis": 0, "totaldiagnosis": 126}, {"province": "新疆", "diagnosis": 0, "totaldiagnosis": 76}, {"province": "江苏", "diagnosis": 0, "totaldiagnosis": 653}, {"province": "江西", "diagnosis": 0, "totaldiagnosis": 1932}, {"province": "湖北", "diagnosis": 0, "totaldiagnosis": 128}, {"province": "河南", "diagnosis": 0, "totaldiagnosis": 1129}, {"province": "浙江", "diagnosis": 0, "totaldiagnosis": 1188}, {"province": "湖南", "diagnosis": 1, "totaldiagnosis": 169}, {"province": "湖北", "diagnosis": 0, "totaldiagnosis": 6819}, {"province": "福建", "diagnosis": 0, "totaldiagnosis": 1819}, {"province": "澳门", "diagnosis": 0, "totaldiagnosis": 45}, {"province": "甘肃", "diagnosis": 0, "totaldiagnosis": 130}, {"province": "福建", "diagnosis": 4, "totaldiagnosis": 381}, {"province": "西藏", "diagnosis": 0, "totaldiagnosis": 11}, {"province": "贵州", "diagnosis": 0, "totaldiagnosis": 147}, {"province": "辽宁", "diagnosis": 0, "totaldiagnosis": 149}, {"province": "重庆", "diagnosis": 0, "totaldiagnosis": 579}, {"province": "陕西", "diagnosis": 12, "totaldiagnosis": 311}, {"province": "青海", "diagnosis": 0, "totaldiagnosis": 118}, {"province": "香港", "diagnosis": 49, "totaldiagnosis": 1188}, {"province": "黑龙江", "diagnosis": 0, "totaldiagnosis": 947}]
```



```
1 <?php
2 /**
3  * Team:NKtoString
4  * Coding by huanglinlan 1811364, 20200524
5  * This is the worlpmmap view
6  */
7 use yii\helpers\Html;
8 ?>
9
10 <head>
11     <!-- BEGIN: Title -->
12     <title>疫情变化趋势</title>
13     <!-- END: Title -->
14
15     <!-- BEGIN: Meta -->
16     <meta charset="utf-8">
17     <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
18     <!-- END: Meta -->
19
20     <!-- BEGIN: Favicon -->
21     <!-- END: Favicon -->
22
23     <!-- BEGIN: Stylesheets -->
24     <link rel="stylesheet" href="css/bootstrap.css">
25     <link rel="stylesheet" href="css/tiny-slider.css">
26     <link rel="stylesheet" href="fonts/lineicons/LineIcons.min.css">
27     <link rel="stylesheet" href="fonts/icomoon/style.css">
28     <link rel="stylesheet" href="css/animate.min.css">
29     <link rel="stylesheet" href="css/jquery.lavalamp.css">
30     <link rel="stylesheet" href="css/jquery.fancybox.min.css">
31     <link rel="stylesheet" href="css/visualstyle.css">
32     <!-- END: Stylesheets -->
33
34     <link href="css/tendency/index.css" rel="stylesheet">
35
36     <script type="text/javascript" src="https://assets.pyecharts.org/assets/echarts.min.js"></script>
37     <script type="text/javascript" src="https://assets.pyecharts.org/assets/maps/world.js"></script>
38
39     <script src="https://cdnjs.cloudflare.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>
40     <script src="https://cdnjs.cloudflare.com/ajax/libs/jquery-color/2.1.2/jquery.color.min.js"></script>
41     <script
42     | src="https://cdnjs.cloudflare.com/ajax/libs/jquery-animateNumber/0.0.14/jquery.animateNumber.min.js"></script>
43     <script src="https://cdnjs.cloudflare.com/ajax/libs/tooltipster/3.3.0/js/jquery.tooltipster.min.js"></script>
44
45     <!--
46     <script src="..js/jquery.min.js"></script>
47     <script src="..js/echarts.min.js"></script>
48     <script src="..js/Date.prototype.js"></script>
49     <script src="..js/jquery.color.min.js"></script>
50     <script src="..js/jquery.animateNumber.min.js"></script>
51     <script src="..js/jquery.tooltipster.min.js"></script>
52     -->
53
```

```
54 <script src="..js/jquery.tooltipster.min.js"></script>
55 <script src="..js/Date.prototype.js"></script>
56 <script src="..js/tendency/layer.js"></script>
57 </head>
58
59 <body>
60     <!-- BEGIN: .site-wrap -->
61     <div class="site-wrap">
62         <!-- BEGIN: .site-header -->
63         <div>
64             <!--
65             Add class ".position-relative" to display it as stack.
66             Add ".navbar-light" to make the text dark or black.
67             -->
68             <header id="site-header" class="position-relative">
69                 <!-- Add ".navbar-dark" class if you want the color of the text to -->
70                 <nav class="navbar navbar-expand-lg navbar-light">
71                     <div class="container">
72                         <!-- BEGIN: .navbar-brand -->
73                         <a class="navbar-brand" href="index.php">
74                             <a class="nav-link active" href="index.php" style="color: grey; font-size: 1.6rem">返回首页</a>
75                         </a>
76                         <!-- END: .navbar-brand -->
77
78                         <!-- BEGIN: .navbar-toggler -->
79                         <a href="#" class="burger-toggle" data-toggle="collapse" data-target="#main-nav" aria-controls="main-nav" aria-expanded="false" aria-label="Toggle navigation">
80                             <span></span>
81                             <span></span>
82                             <span></span>
83                         </a>
84                         <!-- END: .navbar-toggler -->
85
86                         <!-- BEGIN: #main-nav -->
87                         <div class="collapse navbar-collapse" id="main-nav">
88                             <ul class="navbar-nav ml-auto">
89                                 <li class="nav-item">
90                                     <a class="nav-link" href="index.php?r=site/visual">疫情变化趋势</a>
91                                 </li>
92                                 <li class="nav-item">
93                                     <a class="nav-link" href="index.php?r=site/page1">全国疫情图</a>
94                                 </li>
95                                 <li class="nav-item active">
96                                     <a class="nav-link" href="index.php?r=worldmap/page">世界疫情图</a>
97                                 </li>
98                                 <li class="nav-item">
99                                     <a class="nav-link" href="index.php?r=site/page3">确诊与防护</a>
100                                 </li>
101                             </ul>
102                         </div>
103                     </div>
104                 </header>
105
```

```
page.php  ×
100      <a class="nav-link" href="index.php?r=worldmap/page">世界疫情图</a>
101      </li>
102      <li class="nav-item">
103      <a class="nav-link" href="index.php?r=site/page3">辟谣与防护</a>
104      </li>
105      <li class="nav-item">
106      <a class="nav-link" href="index.php?r=site/page4">疾病知识</a>
107      </li>
108      <li class="nav-item">
109      <a class="nav-link" href="index.php?r=site/page5">还没想好加什么？</a>
110      </li>
111      </ul>
112
113      </div>
114      <!-- END: #main-nav -->
115
116      </div>
117      </nav>
118      </header>
119      <!-- END: #site-header -->
120
121      <!-- BEGIN: .cover -->
122      <div class="page-heading-85912" style="background-image: url('img/hero_bg_3.jpg')">
123      <div class="container">
124      <div class="row align-items-end">
125      <div class="col-lg-7">
126      <h1 class="mb-0 heading text-white">世界疫情地图</h1>
127      <p class="mb-0 text-white">可查看各国数据</p>
128      </div>
129      </div>
130      </div>
131      </div>
```

Echart 部分相关代码

```

page.php  X
132 <!--worldmap-->
133 <div id="container" class="chart-container" style="width:1500px; height:1000px;"></div>
134 <script>
135     var mapdatatool=[];
136
137     var chart_container = echarts.init(
138         document.getElementById('container'), 'white', {renderer: 'canvas'});
139     // var option代表定义一个名为option的变量，后面花括号里的代表我们需要作图的参数设置
140     var option = {
141
142
143         "series": [
144             {
145                 // 图标类型为 地图
146                 "type": "map",
147                 "name": "test",
148                 "label": {
149                     "show": false,
150                     "position": "top",
151                     "margin": 8
152                 },
153                 "mapType": "world", // 地图类型为 世界地图
154
155                 "data": [
156
157                 ],
158                 "roam": true,
159                 "zoom": 1,
160                 // 去除各个国家上的小红点
161                 "showLegendSymbol": false,
162             }
163         ],
164
165         // 鼠标悬浮，单击产生的效果（在网页上可以动态显示）
166         "tooltip": {
167             "show": true,
168             "trigger": "item",
169             "triggerOn": "mousemove|click",
170             "axisPointer": {
171                 "type": "line"
172             },
173             "textStyle": {
174                 "fontSize": 14
175             },
176             "borderWidth": 0,
177             formatter: function (params){
178                 var res=params.name;
179                 for(var i=0;i<mapdatatool.length;i++){
180
181                     if(params.name==mapdatatool[i].name) {
182                         res+="/br>' +params.name+' : '+JSON.stringify(mapdatatool[i].value);
183                         break;
184                     }

```

```

page.php  X
180
181         if(params.name==mapdatatool[i].name) {
182             res+="/br>' +params.name+' : '+JSON.stringify(mapdatatool[i].value);
183             break;
184         }
185     }
186     return res;
187 }
188 }
189 }
190
191 //
192 // 获取JSON("index.php?r=worldmap/data", function (data) {
193     var mapData=[];
194     for (var i = 0; i < data.length; i++) {
195         var geo = [];
196         // 如果 geoCoord 有
197         mapData.push({
198             "name": data[i]["name"],
199             "value": geo.concat("confirmedCount",data[i]["confirmedCount"], "currentConfirmedCount",data[i]["currentConfirmedCount"], "curedCount",data[i]["curedCount"], "deadCount",data[i]["deadCount"])
200         });
201     }
202     //
203     mapdatatool=mapData;
204     //console.log(JSON.stringify(mapdatatool));
205 });
206 chart_container.setOption(option);
207 </script>

```

```

199         "value": geo.concat("confirmedCount",data[i]["confirmedCount"],"currentConfirmedCount",data[i]["currentConfirmedCount"],"curedCount",data[i]["curedCount"],"deadCount",data[i]["deadCount"]
200     ));
201     //
202     mapdatatool=mapData;
203     //console.log(JSON.stringify(mapdatatool));
204 }
205
206 chart_container.setOption(option);
207 </script>
208 <!-- BEGIN: #Footer -->
209 <footer id="Footer" style="margin-top: 20px">
210     <div class="container">
211
212         <!-- BEGIN: .footer-subscribe -->
213         <div class="row footer-subscribe">
214             <div class="col-md-6">
215                 <h3 class="mt-2">Get our newsletter, join the community.</h3>
216             </div>
217             <div class="col-md-6">
218                 <form action="#" id="mc-form" class="form-subscribe">
219                     <div class="d-flex align-items-stretch w=100">
220                         <input type="email" id="mc-email" placeholder="Email address" class="form-control">
221                         <input type="submit" value="Sign up" class="btn btn-outline-white-reverse">
222                     </div>
223                     <div class="form-group">
224                         <label for="mc-email"></label>
225                     </div>
226                 </form>
227             </div>
228         </div>
229         <!-- END: .footer-subscribe -->
230
231         <div class="row">
232             <div class="col-md-6 col-lg-3 mb-4 mb-md-0">
233                 <!-- BEGIN: .widget -->
234                 <div class="widget">
235                     <h3>About</h3>
236                     <ul class="nav-link">
237                         <li><a href="#">Home</a></li>
238                         <li><a href="#">Situation</a></li>
239                         <li><a href="#">Prevention</a></li>
240                         <li><a href="#">Symptoms</a></li>
241                         <li><a href="#">Community</a></li>
242                     </ul>
243                 </div>
244                 <!-- END: .widget -->
245             </div>
246             <div class="col-md-6 col-lg-3 mb-4 mb-md-0">
247                 <!-- BEGIN: .widget -->
248                 <div class="widget">
249                     <h3>Helpful Links</h3>
250                     <ul class="nav-link">
251                         <li><a href="#">Reduce The Spread</a></li>

```

```

252                         <li><a href="#">Who Are At Risk</a></li>
253                         <li><a href="#">Social Distancing</a></li>
254                         <li><a href="#">Community Advice</a></li>
255                         <li><a href="#">Technical Guidance</a></li>
256                     </ul>
257                 </div>
258                 <!-- END: .widget -->
259             </div>
260             <div class="col-md-6 col-lg-3 mb-4 mb-md-0">
261                 <!-- BEGIN: .widget -->
262                 <div class="widget">
263                     <h3>Protect Yourself</h3>
264                     <ul class="nav-link">
265                         <li><a href="#">Wash Your Hands Often</a></li>
266                         <li><a href="#">Wear a Face Mask</a></li>
267                         <li><a href="#">Avoid Contact With Sick People</a></li>
268                         <li><a href="#">Always Cover Your Cough or Sneeze</a></li>
269                         <li><a href="#">Protect Your Family</a></li>
270                     </ul>
271                 </div>
272                 <!-- END: .widget -->
273             </div>
274             <div class="col-md-6 col-lg-3 mb-4 mb-md-0">
275                 <div class="d-block">
276                     <ul class="list-unstyled d-flex social-29021">
277                         <li><a href="#"><span class="icon-facebook"></span></a></li>
278                         <li><a href="#"><span class="icon-twitter"></span></a></li>
279                         <li><a href="#"><span class="icon-instagram"></span></a></li>
280                         <li><a href="#"><span class="icon-linkedin"></span></a></li>
281                     </ul>
282                 </div>
283
284                 <div class="d-block mb-4">
285                     <a href="#" class="d-flex call align-items-center">
286                         <span class="lni lni-mobile wrap-icon"></span>
287                         <span class="number">329 4902 392</span>
288                     </a>
289                 </div>
290                 <div class="d-block">
291                     <p>If you have any question, please contact us at <a href="#" class="link-underline text-primary">info@unslate.co</a></p>
292                 </div>
293             </div>
294         </div>
295
296         <!-- BEGIN: .copyright -->
297         <div class="row copyright">
298             <div class="col-md-6 order-2 text-center text-md-right"><a href="#" class="js-top"><span class="icon-long-arrow-up mr-2"></span> Go to Top</a></div>
299             <div class="col-md-6 text-center text-md-left">

```

80 %

未找到相关问题

```
page.php  X
295
296 <!-- BEGIN: .copyright -->
297 <div class="row copyright">
298   <div class="col-md-6 order-2 text-center text-md-right"><a href="#" class="js-top"><span class="icon-long-arrow-up mr-2"></span> Go to Top</a></div>
299   <div class="col-md-6 text-center text-md-left">
300     <p>&copy; 2020. All Rights Reserved. Design by <a href="http://www.bootstrapmb.com" target="_blank" class="link-underline text-primary">Unslate.co</a></p>
301   </div>
302 </div>
303 <!-- END: .copyright -->
304 </div>
305 </footer>
306 <!-- END: #footer -->
307
308 </div>
309 <!-- END: .site-wrap -->
310
311
312
313
314 <!-- Loader -->
315 <div id="site-overlay"></div>
316 <div class="site-loader-wrap">
317   <div class="site-loader"></div>
318 </div>
319
320 <!-- BEGIN: JavaScripts -->
321 <script src="js/jquery-3.4.1.min.js"></script>
322 <script src="js/popper.min.js"></script>
323 <script src="js/bootstrap.min.js"></script>
324 <script src="js/jquery.waypoints.min.js"></script>
325 <script src="js/jquery.animateNumber.min.js"></script>
326 <script src="js/tiny-slider.js"></script>
327 <script src="js/jquery.fancybox.min.js"></script>
328 <script src="js/jquery.lavalamp.min.js"></script>
329 <script src="js/jquery.ajaxchimp.min.js"></script>
330 <script src="js/jquery.validate.min.js"></script>
331 <script src="js/jquery.easing.1.3.js"></script>
332 <script src="js/main.js"></script>
333 <!-- END: JavaScripts -->
334
335 </body>
```

Controller, frontend\controllers\WorldmapController.php

WorldmapController.php

```
1  <?php
2
3
4  /**
5   * Team:NKtoString
6   * Coding by huanglinlan 1811364, 20200524
7   * This is the worlpmmap controller
8   */
9
10
11 namespace frontend\controllers;
12
13 use Yii;
14 use app\models\Worldmap;
15 use frontend\models\WorldmapSearch;
16 use yii\web\Controller;
17 use yii\web\NotFoundHttpException;
18 use yii\filters\VerbFilter;
19
20 /**
21  * WorldmapController implements the CRUD actions for Worldmap model.
22  */
23 class WorldmapController extends Controller
24 {
25     public $layout = false;
26     public $enableCsrfValidation = false;
27     /**
28      * {@inheritdoc}
29      */
30
31     public function behaviors()
32     {
33         return [
34             'verbs' => [
35                 'class' => VerbFilter::className(),
36                 'actions' => [
37                     'delete' => ['POST'],
38                 ],
39             ],
40         ];
41     }
42
43     /**
44      * Lists all Worldmap models.
45      * @return mixed
46      */
47     public function actionIndex()
48     {
49         return $this->render('index');
50     }
51     public function actionPage()
52     {
53         return $this->render('page');
```

```

45     /** @return mixed
46     */
47     public function actionIndex()
48     {
49         return $this->render('index');
50     }
51     public function actionPage()
52     {
53         return $this->render('page');
54     }
55
56
57
58     public function actionData(){
59         try{
60             Yii::$app->response->format = \yii\web\Response::FORMAT_JSON;
61             $all= Worldmap::find()->all();
62         }catch(\Exception $e){}
63         return $all;
64     }
65 }
66

```

Model, frontend\models\Worldmap.php

```

Worldmap.php
1  <?php
2
3
4  /**
5   * Team:NKtoString
6   * Coding by huanglinlan 1811364, 20200524
7   * This is the worldmap model
8   */
9
10
11 namespace app\models;
12
13 use Yii;
14
15 /**
16  * This is the model class for table "worldmap".
17  */
18 @property string $name
19 @property string|null $currentConfirmedCount
20 @property string|null $confirmedCount
21 @property string|null $curedCount
22 @property string|null $deadCount
23 */
24 class Worldmap extends \yii\db\ActiveRecord
25 {
26     /**
27      * {@inheritdoc}
28      */
29     public static function tableName()
30     {
31         return 'worldmap';
32     }
33
34     /**
35      * {@inheritdoc}
36      */
37     public function rules()
38     {
39         return [
40             [['name'], 'required'],
41             [['name', 'currentConfirmedCount', 'confirmedCount', 'curedCount', 'deadCount'], 'string', 'max' => 255],
42             [['name'], 'unique'],
43         ];
44     }
45
46     /**
47      * {@inheritdoc}
48      */
49     public function attributeLabels()
50     {
51         return [
52             'name' => 'Name',
53             'currentConfirmedCount' => 'Current Confirmed Count',
54

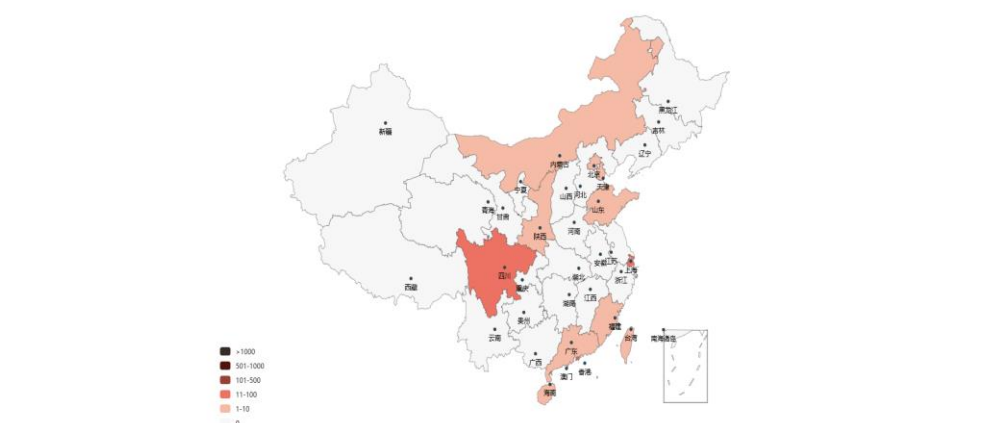
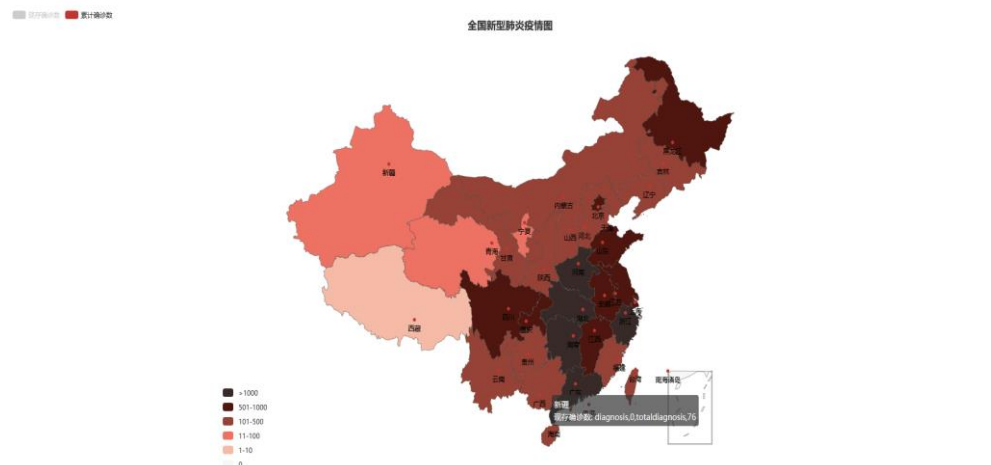
```

```

48
49 public function attributeLabels()
50 {
51     return [
52         'name' => 'Name',
53         'currentConfirmedCount' => 'Current Confirmed Count',
54         'confirmedCount' => 'Confirmed Count',
55         'curedCount' => 'Cured Count',
56         'deadCount' => 'Dead Count',
57     ];
58 }
59
60 /**
61  * {@inheritdoc}
62  * @return WorldmapQuery the active query used by this AR class.
63  */
64 public static function find()
65 {
66     return new WorldmapQuery(get_called_class());
67 }
68 }
69

```

III. 作业管理以及中国疫情图—王润泽



View 文件使用了 echarts 以及 echarts 的 map 地图部分进行数据的显示，将数据库的中国疫情数据通过控制器生成了 json 网页，通过 getjson 获取数据。
frontend\views\chinamap\page.php

```
D:\> XAMPP >htdocs > NKtoString > frontend > views > chinamap > page.php
1  <?php
2  use yii\helpers\Html;
3  ?
4
5  <head>
6      <!-- BEGIN: Title -->
7      <title>疫情变化趋势</title>
8      <!-- END: Title -->
9
10     <!-- BEGIN: Meta -->
11     <meta charset="utf-8">
12     <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
13     <!-- END: Meta -->
14
15     <!-- BEGIN: Favicon -->
16     <!-- END: Favicon -->
17
18     <!-- BEGIN: Stylesheets -->
19     <link rel="stylesheet" href="css/bootstrap.css">
20     <link rel="stylesheet" href="css/tiny-slider.css">
21     <link rel="stylesheet" href="fonts/lineicons/LineIcons.min.css">
22     <link rel="stylesheet" href="fonts/icomoon/style.css">
23     <link rel="stylesheet" href="css/animate.min.css">
24     <link rel="stylesheet" href="css/jquery.lavalamp.css">
25     <link rel="stylesheet" href="css/jquery.fancybox.min.css">
26     <link rel="stylesheet" href="css/visualstyle.css">
27     <!-- END: Stylesheets -->
28
29     <link href="css/tendency/index.css" rel="stylesheet">
30
31     <script src="https://cdnjs.cloudflare.com/ajax/libs/echarts/4.4.0-rc.1/echarts.min.js"></script>
32     <script src="https://cdnjs.cloudflare.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>
33     <script src="https://cdnjs.cloudflare.com/ajax/libs/jquery-color/2.1.2/jquery.color.min.js"></script>
34     <script
35         src="https://cdnjs.cloudflare.com/ajax/libs/jquery-animateNumber/0.0.14/jquery.animateNumber.min.js"></script>
36     <script src="https://cdnjs.cloudflare.com/ajax/libs/tooltipsster/3.3.0/js/jquery.tooltipster.min.js"></script>
37
38     <!--
39     <script src="..js/jquery.min.js"></script>
40     <script src="..js/echarts.min.js"></script>
41     <script src="..js/Date.prototype.js"></script>
42     <script src="..js/jquery.color.min.js"></script>
43     <script src="..js/jquery.animateNumber.min.js"></script>
44     <script src="..js/jquery.tooltipster.min.js"></script>
45     -->
46     <script src="js/tendency/Date.prototype.js"></script>
47     <script src="js/tendency/layer.js"></script>
48     <script src="js/china.js"></script>
49     <style> </style>
50
51 </head>
52
53 <body>
54     <!-- BEGIN: .site-wrap -->
55     <div class="site-wrap">
56
57         <!-- BEGIN: #site-header -->
58         <!--
59         Add class '.position-relative' to display it as stack.
60         Add '.navbar-light' to make the text dark or black.
61         -->
62         <header id="site-header" class="position-relative">
63
64             <!-- Add '.navbar_dark' class if you want the color of the text to -->
65             <nav class="navbar navbar-expand-lg navbar-light">
66                 <div class="container">
67
68                     <!-- BEGIN: .navbar-brand -->
69                     <a class="navbar-brand" href="index.php">
70                         <a class="nav-link active" href="index.php" style="color:grey; font-size: 1.5rem">返回首页</a>
71                     </a>
72                     <!-- END: .navbar-brand -->
73
74                     <!-- BEGIN: .navbar-toggler -->
75                     <a href="#" class="burger-toggle-menu js-burger-toggle-menu ml-auto py-4" data-toggle="collapse" data-target="#main-nav" aria-controls="main-nav" aria-expanded="false" aria-label="Toggle navigation">
76                         <span></span>
77                         <span></span>
78                         <span></span>
79                     </a>
80                     <!-- END: .navbar-toggler -->
81
82                     <!-- BEGIN: #main-nav -->
83                     <div class="collapse navbar-collapse" id="main-nav">
84
85                         <ul class="navbar-nav ml-auto">
86                             <li class="nav-item">
87                                 <a class="nav-link" href="index.php?r=tendency/visual">疫情变化趋势</a>
88                             </li>
89                             <li class="nav-item active">
90                                 <a class="nav-link" href="index.php?r=chinamap/page">全国疫情图</a>
91                             </li>
92                             <li class="nav-item">
93                                 <a class="nav-link" href="index.php?r=worldmap/page">世界疫情图</a>
94                             </li>
95                             <li class="nav-item">
96                                 <a class="nav-link" href="index.php?r=site/page3">辟谣与防护</a>
97                             </li>
98                             <li class="nav-item">
99
100                         </li>
101                     </ul>
102                 </div>
103             </nav>
104         </header>
105     </div>
106 </body>
```



```

var myChart = echarts.init(document.getElementById('main'));

option1={
  title:{
    text:'全国新型冠状病毒疫情图',
    x:'center',
    y:'top',
    top:'15px',
    subtextStyle: {
      |  fontSize: 12
    }
  },//题目
  visualMap: {
    type:'piecewise',
    left:'400px',
    bottom:'40px',
    pieces:[
      {min:1000,label:'>1000',color:'#372228'},
      {min:501,max:1000,label:'501-1000',color:'#6e160f'},
      {min:101,max:500,label:'101-500',color:'#974236'},
      {min:11,max:100,label:'11-100',color:'#ee7263'},
      {min:1,max:10,label:'1-10',color:'#f5bba7'},
      {min:0,max:0,label:'0',color:'#f7f7f7'}],
    color:['#E0022B', '#E09107', '#A3E000']
  },//图例
  legend: {
    x:'left',
    data: ['现存确诊数', '累计确诊数'],
    selectedMode:'single',
    selected:{
      |  '现存确诊数':false
    }
  },
  series:[{
    name:'累计确诊数',
    type:'map',
    map:'china',
    roam:false,
    label:{
      textStyle:{
        color:'black'
      },
      show:true,
      color:'rgb(249,249,249)'

```

```

    },
    data:gettotalData()
  },
  {
    name:'现存确诊数',
    type:'map',
    map:'china',
    roam:false,
    label:{
      textStyle:{
        color:'black'
      },
      show:true,
      color:'rgb(249,249,249)'
    },
    data:getnowData()
  }],
  "tooltip": {
    "show": true,
    "trigger": "item",
    "triggerOn": "mousemove|click",
    "axisPointer": {
      "type": "line"
    },
    "textStyle": {
      "fontSize": 14
    },
    "borderWidth": 0,
    formatter: function (params){
      var res=params.name;
      for(var i=0;i<mapdatatool.length;i++){
        if(params.name===mapdatatool[i].name) {
          res+='/<br>' + '现存确诊数: '+mapdatatool[i].value;
          break;
        }
      }
    }
  },
  return res;
}
}
};

```

```

function getnowData(){
    $.ajaxSettings.async = false;
    $.getJSON("index.php?r=chinamap/data", function (data) {
        var json = JSON.parse(JSON.stringify(data).replace(/province/g,"name"));
        var json1 = JSON.parse(JSON.stringify(json).replace(/diagnosis/g,"value"));
        dataSource=json1;
        var mapData=[];
        for (var i = 0; i < data.length; i++) {
            var geo =[];
            //If (geoCoord) {
                mapData.push({
                    "name": data[i]["province"],
                    "value": geo.concat("diagnosis",data[i]["diagnosis"],"totaldiagnosis",data[i]["totaldiagnosis"])
                });
            //}
        }
        mapdatatool=mapData;
        console.log(dataSource);
    });
    console.log(json1);
    return dataSource;
}

function gettotalData(){
    $.ajaxSettings.async = false;
    $.getJSON("index.php?r=chinamap/data", function (data) {
        var json = JSON.parse(JSON.stringify(data).replace(/province/g,"name"));
        var json1 = JSON.parse(JSON.stringify(json).replace(/totaldiagnosis/g,"value"));
        dataSource=json1;
        console.log(dataSource);
    });
    console.log(json1);
    return dataSource;
}

myChart.setOption(option1);
window.onresize = () => this.myChart.resize();

update();

```

Controller, frontend\controllers\chinamapController.php

```

<?php
/**
 * Team:NKtoString
 * Coding by wangrunze,1811432
 * This is the chinamap controller
 */
namespace frontend\controllers;

use Yii;
use frontend\models\China;
use frontend\models\ChinaQuery;
use yii\web\Controller;
use yii\web\NotFoundHttpException;
use yii\filters\VerbFilter;
use yii\helpers\Json;

class ChinamapController extends Controller
{
    public $layout = false;
    public $enableCsrfValidation = false;
    /**
     * @inheritdoc
     */
    public function behaviors()
    {
        return [
            'verbs' => [
                'class' => VerbFilter::className(),
                'actions' => [
                    'delete' => ['POST'],
                ],
            ],
        ];
    }
}

/**
 * Lists all Worldmap models.
 * @return mixed
 */

```

```

public function actionIndex()
{
    return $this->render('index');
}

public function actionPage()
{
    return $this->render('page');
}

public function actionData(){
    try{
        Yii::$app->response->format = \yii\web\Response::FORMAT_JSON;
        $all=China::find()->all();
    }catch(\Exception $e){}
    return $all;
}
}

```

Model, frontend\models\china.php

```

/**
 * Team:NKtoString
 * Coding by wangrunze 1811432,
 * This is the China model
 */
class China extends \yii\db\ActiveRecord
{
    /**
     * {@inheritdoc}
     */
    public static function tableName()
    {
        return '{{%china}}';
    }

    /**
     * {@inheritdoc}
     */
    public function rules()
    {
        return [
            [['id', 'province', 'diagnosis'], 'required'],
            [['id', 'diagnosis'], 'integer'],
            [['province'], 'string', 'max' => 255],
            [['id'], 'unique'],
        ];
    }

    /**
     * {@inheritdoc}
     */
    public function attributeLabels()
    {
        return [
            'id' => 'ID',
            'province' => 'Province',
            'diagnosis' => 'Diagnosis',
        ];
    }

    /**
     * {@inheritdoc}
     * @return ChinaQuery the active query used by this AR class.
     */
    public static function find()
    {
        return new ChinaQuery(get_called_class());
    }
}

```

2. 作业模块

HomeController.php

```

<?php

namespace backend\controllers;

use yii\web\Controller;

class HomeworkController extends Controller

```

```

{
    public function actionTeam()
    {
        return $this->render('team');
    }
    public function actionPerson()
    {
        return $this->render('person');
    }
}

```

视图层 view

Person. php

```

<a href="../../../data/personal/xx/个人作业-xxxxxx-xx.zip" download="个人作业-xxxxxx-xx" ><span style="font-size:24px;">xx</span><br /></a>

```

Team. php

```

<span style="font-size:24px;">x.xx 文档:</span><br>
    <a href="../../../data/team/xx 文档.xxx" download="xx 文档.xxx" ><span style="font-size:24px;">xxx 下载&nbsp;&nbsp;&nbsp;</span><br /></a>

```

查看作业

团队：NKtoString

团队成员:王鹏 王润泽 黄林澜 刘衍辰 陈横

1.需求文档:

PDF下载

2.设计文档:

PDF下载

3.实现文档:

PDF下载

4.用户手册:

PDF下载

5.项目展示PPT:

PPT下载

个人作业:

王鹏

黄林澜

王润泽

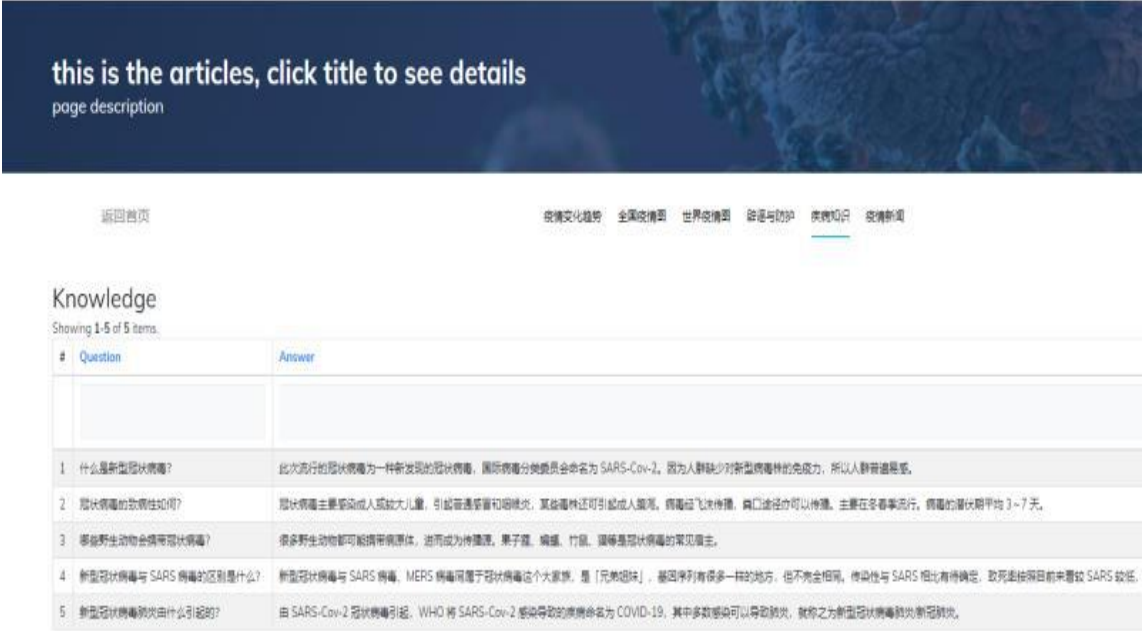
陈横

刘衍辰

IV. 疫情知识和新闻—刘衍辰

实现文档：

知识模块：前台列表样式，



前台实现代码部分截图：

```
* @param array $params
*
* @return ActiveDataProvider
*/
public function search($params)
{
    $query = Knowledge::find();

    // add conditions that should always apply here

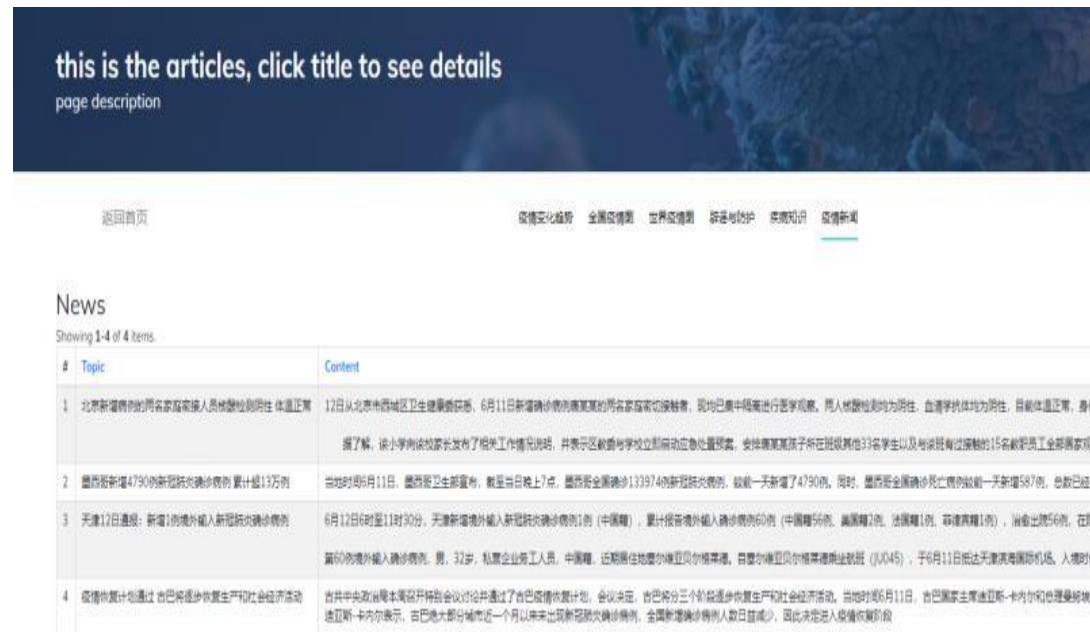
    $dataProvider = new ActiveDataProvider([
        'query' => $query,
    ]);

    $this->load($params);

    if (!$this->validate()) {
        // uncomment the following line if you do not want to return any records when va
        // $query->where('0=1');
        return $dataProvider;
    }

    // grid filtering conditions
    $query->andWhere(['like', 'question', $this->question])
}
```

前台新闻详情列表



前台列表实现代码

```
/*
 * {@inheritdoc}
 */
public function attributeLabels()
{
    return [
        'topic' => 'Topic',
        'content' => 'Content',
    ];
}

/**
 * {@inheritdoc}
 * @return NewsQuery the active query used by this AR class.
 */
public static function find()
{
    return new NewsQuery(get_called_class());
}
```

后台列表, 设置了相应的管理页面, 管理可以进行相应的增删改查操作;



后台代码

```
* If creation is successful, the browser will be redirected to the 'view' page.
* @return mixed
*/
public function actionCreate()
{
    $model = new News();

    if ($model->load(Yii::$app->request->post()) && $model->save()) {
        return $this->redirect(['view', 'id' => $model->topic]);
    }

    return $this->render('create', [
        'model' => $model,
    ]);
}

/**
 * Updates an existing News model.
 * If update is successful, the browser will be redirected to the 'view' page.
 * @param string $id
 * @return mixed
 * @throws NotFoundHttpException if the model cannot be found
 */
public function actionUpdate($id)
{
    $model = $this->findModel($id);

    if ($model->load(Yii::$app->request->post()) && $model->save()) {
        return $this->redirect(['view', 'id' => $model->topic]);
    }
}
```

后台新闻功能：



实现部分代码截图

```

    */
    public function attributeLabels()
    {
        return [
            'topic' => 'Topic',
            'content' => 'Content',
        ];
    }

    /**
     * {@inheritdoc}
     * @return NewsQuery the active query used by this AR c
     */
    public static function find()
    {
        return new NewsQuery(get_called_class());
    }

```

V. 疫情辟谣—陈横

实现文档：

前台列表样式，用户可以通过点击获取全文；

[返回首页](#)
[疫情变化趋势](#)
[全国疫情图](#)
[世界疫情图](#)
[辟谣与防护](#)
[疾病知识](#)
[还没想好加什么？](#)

辟谣与防护

辟谣列表

new rumour

辟谣 出门...	以下内容来自「丁香医生」www.dxy.com 丁香医生团队辟谣：普通人出门没必要戴 护目镜是针对一...	阅读全文
辟谣 居家...	以下内容来自「丁香医生」www.dxy.com 李兰娟院士辟谣：日常不用戴手套 李兰娟院士表示：不在...	阅读全文
辟谣 盐水...	以下内容来自「丁香医生」www.dxy.com 钟南山院士团队辟谣：漱口没有办法清洁呼吸道 钟南山院...	阅读全文
315 晚会在...	今天央视315晚会在晚上8点准时开启，央视对“食物相克”理论进行了解释和辟谣。央视表示“食物相...	阅读全文

前台列表实现代码

```
namespace frontend\widgets\rumour;  
  
use ...  
  
class RumourWidget extends Widget  
{  
    public $title = '';  
    public function run()  
    {  
        $res = RumourForm::getList();  
        $result['title'] = $this->title?$this->title: 'new rumour';  
        $result['more'] = Url::to(['rumour/view']);  
        $result['body'] = $res?$res:[];  
  
        return $this->render( view: 'index', ['data'=>$result]);  
    }  
}
```

前台详情列表

Home / Rumour / 辟谣 出门要戴护目镜?

ID	53
标题	辟谣 出门要戴护目镜?
简介	丁香医生团队辟谣：普通人出门没必要戴护目镜是针对一线临床医生的，普通人出门不需要佩戴护目镜。但大家都要注意，不要揉眼睛，因为手可能接触到病毒，再接触到眼睛会导致结膜感染。
内容	以下内容来自「丁香医生」www.dxy.com 丁香医生团队辟谣：普通人出门没必要戴 护目镜是针对一线临床医生的，普通人出门不需要佩戴护目镜。但大家都要注意，不要揉眼睛，因为手可能接触到病毒，再接触到眼睛会导致结膜感染。 作者：丁香医生，未经许可请勿转载。查看原文：https://dxy.com/column/27324?keywords=%E8%BE%9F%E8%B0%A3

前台列表实现代码

```
public function actionView($id)  
{  
    return $this->render( view: 'view', [  
        'model' => $this->findModel($id),  
    ] );  
}
```

后台列表，设置了相应的辟谣管理页面，管理可以进行相应的增删改查操作；

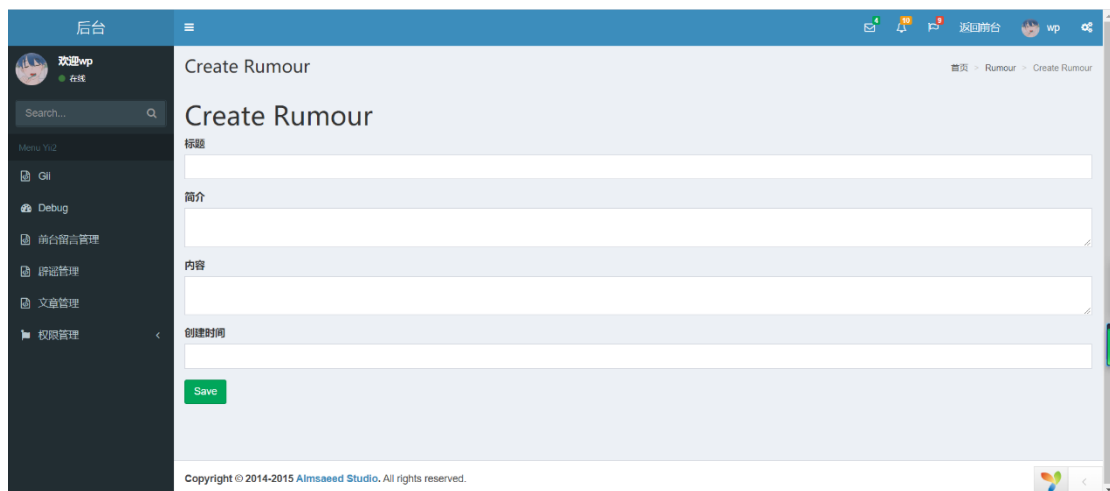


后台代码

```
/**
 * Lists all Rumour models.
 * @return mixed
 */
public function actionIndex()
{
    $searchModel = new RumourSearch();
    $dataProvider = $searchModel->search(Yii::$app->request->queryParams);

    return $this->render( view: 'index', [
        'searchModel' => $searchModel,
        'dataProvider' => $dataProvider,
    ]);
}
```

后台可以实现添加辟谣功能:



实现代码

```

public function actionCreate()
{
    $model = new Rumour();

    if ($model->load(Yii::$app->request->post()) && $model->save()) {
        return $this->redirect(['view', 'id' => $model->id]);
    }

    return $this->render( view: 'create', [
        'model' => $model,
    ]);
}

```

后台编辑



The screenshot shows a web application interface for editing a 'Rumour' entry. The left sidebar contains a search bar and a menu with options like 'Gili', 'Debug', '前台留言管理', '评论管理', '文章管理', and '权限管理'. The main content area is titled 'Update Rumour: 49' and contains the following form fields:

- 标题 (Title):** 朝阳医院大起死回生，你真的看懂了吗.....
- 简介 (Introduction):** 今天下午我发了一篇文章，《杀人放火金腰带，修桥补路无尸骸》，写了一个普通患者怎么看待杨文医生的死，并建议了怎么保全李文周文王文医生的生。
- 内容 (Content):** 是的，这是续集。我开始连载了。
- 创建时间 (Creation Time):** 1590041626

A green 'Save' button is located at the bottom of the form. The footer of the application states 'Copyright © 2014-2015 Almsaeed Studio, All rights reserved.'

后台代码

```

public function actionUpdate($id)
{
    $model = $this->findModel($id);

    if ($model->load(Yii::$app->request->post()) && $model->save()) {
        return $this->redirect(['view', 'id' => $model->id]);
    }

    return $this->render( view: 'update', [
        'model' => $model,
    ]);
}

```