## 流浪 NK: 实现文档

团队成员 姜天朝 宫钊继盛 张王天鹏

## 项目任务分配:

姜天嘉: 实现了前台后台界面的设计, 实现了前台数据分析板块, 实现了后台作业提交界面,

权限管理界面,成员简介管理界面 闫钊辉:实现了前台全局概况板块 王天鹏:实现了前台博客界面板块 张继盛:实现了前台新闻界面板块

## Github 提交记录

commit 66ee1fe231cc363dc5a88a758d84879ffb882545 (HEAD -> master,
origin/master)

Author: G2 OptJiang20 <2499184084@qq.com> Date: Sat Feb 11 01:52:41 2023 +0800

add vendor

commit 1bcf7817b50bdf4bfe64b3983afde8a3a7f8f9dd

Author: G2 OptJiang20 <2499184084@qq.com> Date: Fri Feb 10 17:14:55 2023 +0800

final project

commit 481ff7064585550ccad7e07d9c2d3aba37efa80f

Author: unknown <1341210299@qq.com> Date: Fri Feb 10 15:06:56 2023 +0800

115

Merge: 79788c7 c13e4cb

Author: 王天鹏 <2664004187@qq.com>

Date: Fri Feb 10 07:21:24 2023 +0800

Merge branch 'master' of https://github.com/JiangSio/Internet-Database-Project

拉取远程分支。

### commit 79788c77f21a03bc03e1482d5b2683c95acdb860

Author: 王天鹏 <2664004187@qq.com>

Date: Fri Feb 10 07:19:06 2023 +0800

"完善新闻展示模块"

### commit c13e4cb69647dbfc071f9ba1d0281aad1271e27e

Author: G2 OptJiang20 <2499184084@qq.com>

Date: Thu Feb 9 00:05:27 2023 +0800

jtj+zjs

#### commit dd70b285ac8036fe4cd045e3ef1c4fcbc4608936

Author: unknown <1341210299@qq.com> Date: Wed Feb 8 19:57:04 2023 +0800

init

### commit 10c4feb323339469ed5388972c1ff8b9d3f921c8

Author: 2012615 <2536196890@qq.com> Date: Wed Feb 8 15:24:27 2023 +0800

yii2022 1.0

### commit c560aa48b618fd472b2c90a38f92ded92a57e270

Author: 2012615 <2536196890@qq.com> Date: Wed Feb 8 15:21:36 2023 +0800

2

#### commit 82de1ff2b6a29986c9f2fb3a5a3977b12d0cb469

Author: 2012615 <2536196890@qq.com> Date: Wed Feb 8 15:21:08 2023 +0800

#### commit be3dd7f781b208405bde8f116d2d2b5ba0f70fa4

Merge: 615f977 46c0adb

Author: 2012615 <2536196890@qq.com> Date: Wed Feb 8 15:20:22 2023 +0800

Merge branch 'master' of https://github.com/JiangSio/Internet-Database-Project

### commit 615f977adfd2a01354aef1cc26a9ae4b9a76bcf9

Author: 2012615 <2536196890@qq.com> Date: Wed Feb 8 15:16:21 2023 +0800

yii2.0 advanced 1.0

### commit 46c0adb369919e28e2cbbe7ea3a56321ea9f9617

Author: G2 OptJiang20 <2499184084@qq.com>

Date: Mon Feb 6 15:35:27 2023 +0800

前台后台首页添加

#### commit 8201e41b3151a1e11542a1f5375b774f9a955708

Author: G2 OptJiang20 <2499184084@qq.com> Date: Mon Feb 6 15:13:16 2023 +0800

前端后台首页设计

### commit 1e202b366a6b80901584595bf15aa1956faf2a94

Author: 2012615 <2536196890@qq.com> Date: Sat Feb 4 16:51:10 2023 +0800

yii2更新模板

### commit 54e2d8fc03850cc9a72cbb63b064a2890d560291

Merge: e48d637 793efcd

Author: 2012615 <2536196890@qq.com> Date: Sat Feb 4 16:43:03 2023 +0800

Merge branch 'master' of https://github.com/JiangSio/Internet-Database-Project

### commit e48d637bd49bfbac5547bac069fa75426485374a

Author: 2012615 <2536196890@qq.com> Date: Sat Feb 4 16:40:39 2023 +0800

### commit b5e9beeb36d7ae561e5083d9fe4d61b249f3b4f0

Author: 2012615 <2536196890@qq.com> Date: Sat Feb 4 16:37:04 2023 +0800

更新模板yii2

### commit 793efcd4147ed0a67a6696105cfb5d3571a9876f

Author: G2 OptJiang20 <2499184084@qq.com> Date: Wed Feb 1 23:54:30 2023 +0800

中国与俄乌外贸分析

### commit ee6d6d8619edd5a4f03fc0474c87b9c160500516

Author: G2 OptJiang20 <2499184084@qq.com> Date: Wed Feb 1 21:04:16 2023 +0800

油价分析界面

### commit 2c371df00ecfa852e0fbbd447d5007960374df25

Author: 2012615 <2536196890@qq.com> Date: Tue Jan 31 17:34:56 2023 +0800

yii2

### commit 9297b375f1ba8507882dd1e2bb9b144c051dbc8a

Author: 2012615 <2536196890@qq.com>
Date: Tue Jan 31 15:47:27 2023 +0800

9

### commit 56b1ab843dcfa843fce65d180c737929e42f491d

Author: 2012615 <2536196890@qq.com> Date: Tue Jan 31 15:46:48 2023 +0800

8

#### commit d62cb975b3757e8238daec63612d1431bfac4df4

Author: 2012615 <2536196890@qq.com>
Date: Tue Jan 31 15:46:23 2023 +0800

### commit 66cf524d8bb18f7c54c461ae81d52a9101ae04d8

Author: 2012615 <2536196890@qq.com>
Date: Tue Jan 31 15:41:48 2023 +0800

担当

### commit a8900c2f76e97601c80bbffa6d4628af21706caa

Author: 2012615 <2536196890@qq.com> Date: Tue Jan 31 15:40:19 2023 +0800

6

### commit fb3f0b196280970b54a09d234bc44386225bcf48

Author: 2012615 <2536196890@qq.com> Date: Tue Jan 31 15:39:45 2023 +0800

5

### commit 485e6f715279541cea3c760bfc846cb56f5200de

Author: 2012615 <2536196890@qq.com> Date: Tue Jan 31 15:39:02 2023 +0800

4

### commit bc35fabd33822c348e14a7b468c9faae958308e3

Author: 2012615 <2536196890@qq.com>
Date: Tue Jan 31 15:37:58 2023 +0800

3

### commit eb873cacff41ff9eb7a905d3929aa82a67b8def6

Author: 2012615 <2536196890@qq.com> Date: Tue Jan 31 15:34:14 2023 +0800

2

### commit 2be5aef4d5dafc94580f2781b7fa61dbfc183e0a

Author: 2012615 <2536196890@qq.com> Date: Tue Jan 31 15:33:24 2023 +0800

1

commit 3849719f8c4d4e58e489ae30690eaa70a00d979c

Author: 2012615 <2536196890@qq.com>
Date: Mon Jan 30 18:50:18 2023 +0800

2

### commit cab9fa1aa6c3c194fee8197e95bc5461bd4f091b

Author: 2012615 <2536196890@qq.com> Date: Mon Jan 30 18:46:47 2023 +0800

1

### commit 05921f957b38afb8c9c5e27312c8f2016cd68ff3

Author: 2012615 <2536196890@qq.com>
Date: Mon Jan 30 18:41:46 2023 +0800

1

### commit 8051de209e2ba46f19f82abd7263681948c8524e

Author: 2012615 <2536196890@qq.com>
Date: Mon Jan 30 18:38:26 2023 +0800

1

#### commit 45a2b1ed357459685657ce55ad3548d5c8886a92

Author: 王天鹏 <2664004187@qq.com>

Date: Mon Jan 30 14:59:37 2023 +0800

王天鹏的第一次提交,配置yii2框架完成。

### commit a87ae8dced3ea3833320f777a88a60878ec4964b

Author: G2 OptJiang20 <2499184084@qq.com> Date: Mon Jan 30 14:39:37 2023 +0800

init yii2 advanced

### commit e58123fd3ee24486cb6e25c39fe2a10325f6fab6

Author: G2 OptJiang20 <2499184084@qq.com> Date: Sat Jan 28 21:02:41 2023 +0800

init workspace

### commit a091550367bfd0b420404ca3b22d46d3769bcd66 (origin/main)

Author: JiangSio <102448598+JiangSio@users.noreply.github.com>

Date: Sat Jan 28 20:50:37 2023 +0800

# 实现文档@王天鹏

## 实现文档

——王天鹏 2013013

## 新闻列表页面

## 页面展示





### 泽连斯基抵达欧盟总部布鲁塞尔,冯德莱恩和米歇尔发推 晒图欢迎

由记者李冠宏于2023年2月9日18:21报道。

【环球网快讯】欢盟委员会主席冯德莱恩和欧州理事会主席米歇尔当 地时间9日......

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# 美传奇记者曝光北溪管道爆炸过程 俄媒:希望他不会突然死亡

由记者张鑫于2023年2月9日18:39报道。

俄罗斯时政专栏作家萨夫丘克2月9日在俄新社发表了一篇题为《北溪 管道被恐怖主义国家炸毁》的文章……

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### 泽连斯基突访英国, 五大细节意味深长

由记者李力于2023年2月9日18:54报道。

2月8日,就在全世界奥论都在关注土耳其(包括地震和袭击叙利亚)时,CNN突然爆 出一条消息,泽连斯基访问英国......

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1 2 3

## 功能实现

- 1.展示图片、新闻以及摘要
- 2.更新新闻的报道日期、时间、报道人
- 3.通过 read more 实现新闻详情页跳转
- 4.实现分页展示功能

### 代码展示

涉及表 author、news。

视图层

```
<div class="one fourth">
25539DD8531B4F99CFBCF7466 size56 w630 h354.jpg" width="100%" />
            </div>
            <div class="three fourth last">
                <h4 class="title"><a href="./index.php?r=article/index0#">
                    \langle /a \rangle \langle /h4 \rangle
                    由记者〈strong〉〈?php echo
$doneTime[0]['doneTime']; ?></strong>报道。
                </div>
                <?php echo $abstract[0]['abstract']; ?>
class="continue">Read More</a>
            </div>
            <div class="c1"></div>
            <div class="one fourth">
src="//d.ifengimg.com/w144_h80_q70/x0.ifengimg.com/ucms/2023_06/2B0DFB01FF77BCE
4199C4489FD89D17ED09121E1 size60 w975 h549.jpg" width="100%" />
            </div>
            <div class="three fourth last">
                <h4 class="title"><a href="./index.php?r=article/index1#">
                <div class="post-meta">
                    由记者〈strong〉〈?php echo
```

```
$doneTime[1]['doneTime']; ?></strong>报道。
               </div>
               <?php echo $abstract[1]['abstract']; ?>
class="continue">Read More</a>
           </div>
           <div class="c1"></div>
           <div class="one fourth">
src="//d.ifengimg.com/w144_h80_q70/x0.ifengimg.com/ucms/2023_06/BCEF1C1B4F2B8D1
254F3431ED56C008EC193F1D4_size22_w667_h375.jpg" width="100%" />
           </div>
           <div class="three fourth last">
               <div class="post-meta">
                   由记者〈strong〉〈?php echo
$doneTime[2]['doneTime']; ?></strong>报道。
               </div>
               <?php echo $abstract[2]['abstract']; ?>
               <a href="./index.php?r=article/index2#"</p>
class="continue">Read More</a>
           </div>
           <div class="c1"></div>
           <div class="one fourth">
8C3C1CB1CE2E92225FF1A3668_size84_w640_h360.jpg" width="100%" />
           </div>
           <div class="three fourth last">
```

```
\langle /a \rangle \langle /h4 \rangle
                 <div class="post-meta">
                     由记者\strong\\?php echo
$doneTime[3]['doneTime']; ?></strong>报道。
                 </div>
                 <?php echo $abstract[3]['abstract']; ?>
                 <a href="./index.php?r=article/index3#"</p>
class="continue">Read More</a>
             </div>
             <div class="c1"></div>
8A1E9FA953EBF755678F1E16F size574 w855 h481.png" width="100%" />
             </div>
             <div class="three fourth last">
                     \langle /a \rangle \langle /h4 \rangle
                      由记者\strong\\?php echo
$doneTime[4]['doneTime']; ?></strong>报道。
                 </div>
                 <a href="./index.php?r=article/index4#"</p>
class="continue">Read More</a>
             </div>
```

```
<div class="one fourth">
F20C77C5F7CC9F048B315D8B6 size621 w975 h549.png" width="100%" />
            </div>
            <div class="three fourth last">
                 <h4 class="title"><a href="./index.php?r=article/index5#">
                     \langle /a \rangle \langle /h4 \rangle
                     由记者〈strong〉〈?php echo
$doneTime[5]['doneTime']; ?></strong>报道。
                </div>
class="continue">Read More</a>
            </div>
            <div class="c1"></div>
            </div>
```

### 模型层

```
<?php
namespace app\models;
use yii\db\ActiveRecord;</pre>
```

```
class news extends ActiveRecord
    控制器层
    public function actionIndex()
    r1=news:: findBysq1(sq11) \rightarrow a11();
    r2=news:: findBysq1(sq12) \rightarrow a11();
    r3=author:: findBysq1(sq13)->a11();
    r4=author:: findBysq1(sq14) \rightarrow a11();
    r5=author:: findBysq1(sq15) \rightarrow a11();
    $r6=reader::findBysq1($sq16)->a11();
    $r7=reader::findBysq1($sq17)->a11();
    return $this->renderPartial('index', $data);
```

## 热搜榜界面

## 页面展示

## 实时热搜榜

▲ 1.德国总理强调对待俄乌冲突的三项原则

阅读人数: 2546人

★ 2.波兰总理声称: 打败俄罗斯是波兰存在的意

义

阅读人数: 2341人

★ 3.荷兰首相谈"对乌提供战机": 西方绝不

能在战机问题上冒险与俄罗斯对抗

阅读人数: 1687人

▲ 4.俄罗斯独有的BMPT战车,是"终结"

者"还是"鸡肋"?

阅读人数: 1476人

★ 5. 诞生于车臣的巷战神器 俄军"终结者"战

车的列装之路充满坎坷

阅读人数: 1354人

### 功能实现

- 1.实现新闻热度实时更新
- 2.展示新闻阅读人数
- 3.根据热度排序并连接新闻详情页面

### 代码展示

涉及表 reader 视图层

```
<aside class="one third last">
    class="widgets">
           <h4>实时热搜榜</h4>
            <section class="container">
                <a href="./index.php?r=article/index1#"><span</pre>
class="icon"><img src="./css/images/hot.png" alt="" /></span>
<strong>1. <?php echo $bestArticle[0]['title'] ?></strong></a>
                   <span class="right">阅读人数: <?php echo</pre>
$readNumber[0]['number']?>人</span><br>
                   <a href="./index.php?r=article/index7#"><span</a>
class="icon"><img src="./css/images/hot.png" alt="" /></span>
<strong>2. <?php echo $bestArticle[1]['title'] ?></strong></a>
                   <span class="right">阅读人数: <?php echo</pre>
$readNumber[1]['number']?>人</span><br>
                    <1i><1 i><a
href="./index.php?r=article/index12#"><span class="icon"><img
src="./css/images/hot.png" alt="" /></span> <strong>3.<?php echo</pre>
$bestArticle[2]['title'] ?></strong></a>
                   <span class="right">阅读人数: <?php echo</pre>
$readNumber[2]['number']?>人</span><br>
                   <1i><a
href="./index.php?r=article/index15#"><span class="icon"><img
src="./css/images/hot.png" alt="" /></span> <strong>4. <?php echo
$bestArticle[3]['title'] ?></strong></a>
                   <span class="right">阅读人数: <?php echo</pre>
$readNumber[3]['number']?>人</span><br>
                   <1i><a
href="./index.php?r=article/index17#"><span class="icon"><img
src="./css/images/hot.png" alt="" /></span> <strong>5.<?php echo</pre>
$bestArticle[4]['title'] ?></strong></a>
```

```
<span class="right">阅读人数: <?php echo</pre>
$readNumber[4]['number']?>人</span><br>
                </u1>
            </section>
        (/aside>
    模型层
namespace app\models;
use yii\db\ActiveRecord;
class reader extends ActiveRecord
    控制器层
$sq16="select title from reader order by number desc";
$r6=reader::findBysq1($sq16)->a11();
$sq17="select number from reader order by number desc";
r7=reader:: findBysq1(sq17) \rightarrow a11();
$data=['title'=>$r1,
```

return \$this->renderPartial('index',\$data);

### 新闻详情界面

## 页面展示



# 波兰总理声称: 打败俄罗斯是 波兰存在的意义

波兰总理莫拉维茨基2月8日在接受意大利《晚报》采访时表示,"如果所有国家都像波兰一样,以同样的速度和决心对俄罗斯做出反应,那么我们将更接近胜利。"《晚报》记者问:德国终于批准向乌克兰供应其豹2坦克,并授权其他国家也可以这样故。在美国和英国之后,柏林是向基辅提供军援最多的国家。然而您说在欧洲,特别是在中欧和东欧,由于德国对乌克兰的政策,人们对德国的不信任度越来越高。这是为什么? 莫拉维茨基表示,"迟到总比没有好。我感谢德国对乌克兰的帮助,但我们也需要保持正确的比例。柏林所宣布的援助比实际提供的要多。我们不会仅仅通过声明来捍卫乌克兰。即使德国向乌克兰提供它所声称的数量,那也只是沧海一粟。我们要对最强大的欧州国家抱有更多期望。"《晚报》记者问:有分析认为,波兰想借我乌冲突之机,将欢州的重心东移,打造新的 地缘政治平衡,由华沙掌舵,取代传统的法德领导欧盟。是这样吗?莫拉维茨基表示,"我们认为俄乌冲突首先是对波兰和整个欧州的生存威胁。如果俄罗斯赢了,所有地缘政治分析都可以抛开。波兰没有选择它在地图上的位置,但完全理解这个位置所带来的责任。打败俄罗斯既是波兰存在的意义,也是欧洲州国家的意义。"

### 功能实现

涉及表 news

- 1.实现新闻详情的报道
- 2.实现多篇新闻间的相互跳转

### 代码展示

视图层

```
<!php
namespace app\models;

use yii\db\ActiveRecord;

class news extends ActiveRecord
{
}</pre>
```

控制器层

```
public function actionIndex0()

$sq11="select title from news where id=0";
$r1=news::findBysq1($sq11)->al1();

$sq12="select text from news where id=0";
$r2=news::findBysq1($sq12)->al1();

$sq13="select name from review order by rand() limit 4";
$r3=review::findBysq1($sq13)->al1();

$sq14="select content from review order by rand() limit 4";
$r4=review::findBysq1($sq14)->al1();

$sq15="select time from review order by rand() limit 4";
$r5=review::findBysq1($sq15)->al1();
```

```
$sq16="select title from reader order by number desc";
$r6=reader::findBysq1($sq16)->all();

$sq17="select number from reader order by number desc";
$r7=reader::findBysq1($sq17)->all();

$data=['title'=>$r1,
    'text'=>$r2,
    'name'=>$r3,
    'content'=>$r4,
    'time'=>$r5,
    'bestArticle'=>$r6,
    'readNumber'=>$r7,
];
return $this->renderPartial('index0',$data);
}
```

## 评论界面

## 页面展示



## 功能实现

- 1.实现用户信息的展示
- 2.实现用户评论内容的展示
- 3.根据评论时间排序展示评论

### 代码展示

视图层

```
<h4>评论</h4>
<div class="one fifth">
   <img src="./css/images/trainer1.jpg" width="100%" />
<div class="four fifth last">
   <strong>来自<?php echo $name[0]['name']; ?>的评论:
</strong><br />
   <h6>发表于<?php echo $time[0]['time']; ?></h6>
</div>
<div class="c1"></div>
<div class="one_fifth">
   <img src="./css/images/trainer4.jpg" width="100%" />
</div>
<div class="four fifth last">
   <strong>来自<?php echo $name[1]['name']; ?>的评论:
</strong><br />
   \langle p \rangle
   <h6>发表于<?php echo $time[1]['time']; ?></h6>
</div>
```

```
<div class="c1"></div>
<div class="one fifth">
    <img src="./css/images/trainer2.jpg" width="100%" />
</div>
<div class="four fifth last">
    <strong>来自<?php echo $name[2]['name']; ?>的评论:
    \langle p \rangle
    <h6>发表于<?php echo $time[2]['time']; ?></h6>
</div>
<div class="c1"></div>
<div class="one fifth">
    <img src="./css/images/trainer3.jpg" width="100%" />
\langle /div \rangle
<div class="four fifth last">
    <strong>来自<?php echo $name[3]['name']; ?>的评论:
    \langle p \rangle
    <a href="https://heb.schools.com/hebs/46">h6>发表于<?php echo $time[3]['time']; ?></h6></h6>
</div>
<div class="c1"></div>
```

### 模型层

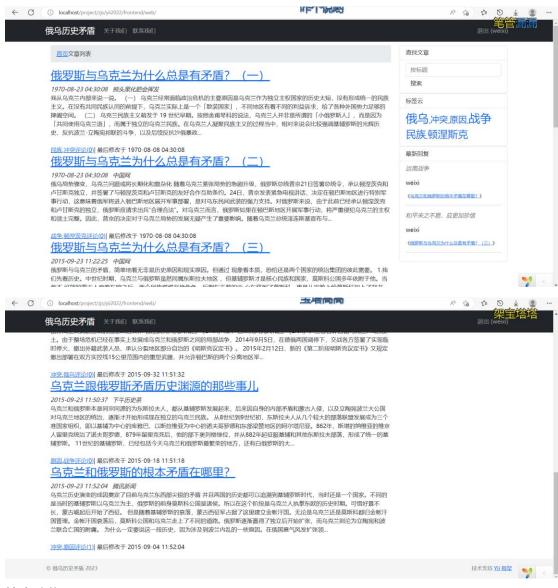
## 实现文档@张继盛

### Github 提交记录





### 项目细节 俄乌历史矛盾@张继盛 主界面



### 搜索功能

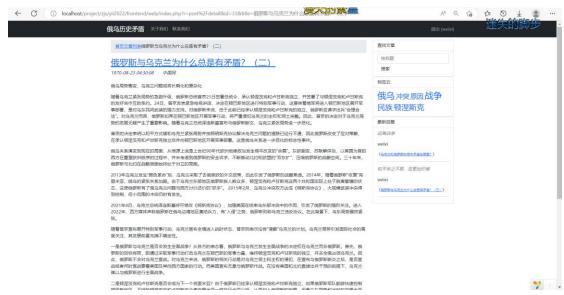


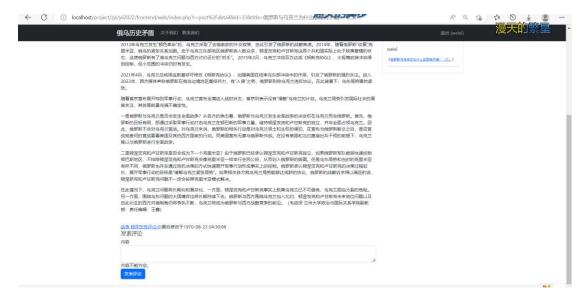
### 标签搜索

### 点击标签, 可显示所有带有该标签的文章



### 文章详情





### 可发表评论, 提交后经后台审核通过可展示



### 代码实现 Index.php

```
vse yii\widgets\ListView;
use yii\data\ActiveDataProvider;
use common\models\Post;
use yii\helpers\Html;
use yii\helpers\Url;
use yii\grid\ActionColumn;
use yii\grid\GridView;
use frontend\components\TagsCloudWidget;
use frontend\components\RctReplyWidget;
/** @var yii\web\View $this */
/** @var common\models\PostSearch $searchModel */
```

```
** @var yii\data\ActiveDataProvider $dataProvider */
<div class="container">
   <div class="row">
      <div class="col-md-9">
         <a href="<?= Yii::$app->homeUrl;?>">首页</a>
          文章列表
          <?=ListView::widget([</pre>
             'id'=>'postlist',
             'dataProvider'=>$dataProvider,
             'layout'=>'{items} {pager}',
             'pager'=>[
             'maxButtonCount'=>10,
             'nextPageLabel'=>Yii::t('app','下一页'),
             'prevPageLabel'=>Yii::t('app','上一页'),
      </div>
      <div class="col-md-3">
         <div class="searchbox">
             <span class="glyphiconglyphicon-search"aria-</pre>
hidden="true"></span>查找文章
                <form class="form-inline" action="index.php?r=post/index"</pre>
id="w0" method="get">
                       <div class="form-group">
                          <input type="text" class="form-control"</pre>
name="PostSearch[title]" id="w0input" placeholder="按标题">
                       <button type="submit" class="btn btn-default">搜索
                   </form>
```

```
<div class="tagcloudbox">
          <span class="glyphiconglyphicon-search"aria-</pre>
hidden="true"></span>标签云
            <?= TagsCloudWidget::widget(['tags'=>$tags])?>
            </div>
       <div class="commentbox">
          <span class="glyphiconglyphicon-search"aria-</pre>
hidden="true"></span>最新回复
            RctReplyWidget::widget(['recentComments'=>$recentComments])?>
            </div>
    </div>
  </div>
</div>
```

### Post.php

```
<?php

namespace common\models;

use Yii;
use yii\helpers\Html;
/**

* This is the model class for table "post".

*

* @property int $id

* @property string $title

* @property string $content

* @property string | null $tags

* **

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```

```
* @property int|null $update_time
* @property int $author_id
* @property Adminuser $author
* @property Comment[] $comments
class Post extends \yii\db\ActiveRecord
   private $_oldTags;
   public static function tableName()
       return 'post';
    * {@inheritdoc}
   public function rules()
           [['title', 'content', 'status', 'author_id'], 'required'],
           [['content', 'tags'], 'string'],
           [['status', 'create_time', 'update_time', 'author_id'], 'integer'],
           [['title'], 'string', 'max' => 128],
           [['author_id'], 'exist', 'skipOnError' => true, 'targetClass' =>
Adminuser::class, 'targetAttribute' => ['author_id' => 'id']],
           [['status'], 'exist', 'skipOnError' => true, 'targetClass' =>
Poststatus::class, 'targetAttribute' => ['status' => 'id']],
   public function attributeLabels()
```

```
'tags' => '标签',
          'create_time' => '创建时间',
   * @return \yii\db\ActiveQuery
   public function getAuthor()
      return $this->hasOne(Adminuser::class, ['id' => 'author_id']);
   * @return \yii\db\ActiveQuery
   public function getComments()
      return $this->hasMany(Comment::class, ['post_id' => 'id']);
  public function getActiveComments()
      return $this->hasMany(Comment::class, ['post_id' =>
'id'])->where('status=:status',[':status'=>2])->orderBy('id DESC');
   * @return \yii\db\ActiveQuery
  public function getStatus0()
      return $this->hasOne(Poststatus::class, ['id' => 'status']);
```

```
public function beforeSave($insert)
   if(parent::beforeSave($insert))
       if($insert)
           $this->create_time=time();
           $this->update_time=time();
           $this->update_time=time();
public function afterFind()
   parent::afterFind();
   $this->_oldTags = $this->tags;
public function afterSave($insert, $changedAttributes)
   parent::afterSave($insert,$changedAttributes);
   Tag::updateFrequency($this->_oldTags,$this->tags);
public function afterDelete()
   parent::afterDelete();
   Tag::updateFrequency($this->tags,'');
public function getUrl()
   return Yii::$app->urlManager->createUrl(
       ['post/detail','id'=>$this->id,'title'=>$this->title]);
public function getBeginning($length=288)
   $tmpStr=strip_tags($this->content);
```

```
$tmpLen=mb_strlen($tmpStr);

$tmpStr = mb_substr($tmpStr,0,$length,'utf-8');

return $tmpStr.($tmpLen>$length?'...':'');
}

public function getTagLinks()
{
    $links=array();
    foreach(Tag::string2array($this->tags)as $tag)
    {
        $links[]=Html::a(Html::encode($tag),array('post/index','PostSearch[tags]'=>$tag));
    }
    return $links;
}

public function getCommentCount()
{
    return Comment::find()->where(['post_id'=>$this->id,'status'=>2])->count();
}
```

### Tag.php

```
public function rules()
       [['frequency'], 'integer'],
       [['name'], 'string', 'max' => 128],
public function attributeLabels()
       'frequency' => 'Frequency',
public static function string2array($tags)
   return preg_split('/\s*,\s*/',trim($tags),-1,PREG_SPLIT_NO_EMPTY);
public static function array2string($tags)
   return implode(',',$tags);
public static function addTags($tags)
   if(empty($tags)) return ;
   foreach ($tags as $name)
       $aTag = Tag::find()->where(['name'=>$name])->one();
       $aTagCount=Tag::find()->where(['name'=>$name])->count();
       if(!$aTagCount)
           $tag = new Tag;
```

```
$tag->name= $name;
           $tag->frequency=1;
           $tag->save();
           $aTag->frequency += 1;
           $aTag->save();
public static function removeTags($tags)
    if(empty($tags))return ;
    foreach($tags as $name)
       $aTag = Tag::find()->where(['name'=>$name])->one();
       $aTagCount=Tag::find()->where(['name'=>$name])->count();
       if($aTagCount)
           if($aTagCount && $aTag->frequency<=1)</pre>
               $aTag->delete();
               $aTag->frequency -= 1;
               $aTag->save();
public static function updateFrequency($oldTags,$newTags)
    if(!empty($oldTags)||!empty($newTags))
       $oldTagsArray= self::string2array($oldTags);
        $newTagsArray= self::string2array($newTags);
        self::addTags(array_values(array_diff($newTagsArray,$oldTagsArray)));
        self::removeTags(array_values(array_diff($oldTagsArray,$newTagsArray)));
```

```
public static function findTagWeights($limit=20)
   $tag_size_level = 5;
   $models=Tag::find()->orderBy('frequency desc')->limit($limit)->all();
   $total=Tag::find()->limit($limit)->count();
   $stepper=ceil($total/$tag_size_level);
   $tags=array();
   $counter=1;
   if($total>0)
       foreach ($models as $model)
           $weight=ceil($counter/$stepper)+1;
           $tags[$model->name]=$weight;
           $counter++;
       ksort($tags);
   return $tags;
```

### PostController.php

```
namespace frontend\controllers;

use Yii;
use common\models\Post;
use common\models\PostSearch;
use yii\web\Controller;
use yii\web\NotFoundHttpException;
use yii\filters\VerbFilter;
use yii\filters\AccessControl;
```

```
use common\models\Tag;
use common\models\Comment;
use common\models\User;
use yii\rest\Serializer;
 * PostController implements the CRUD actions for Post model.
class PostController extends Controller
   public $added=0; //0 代表还没有新回复
   public function behaviors()
               'class' => VerbFilter::className(),
                  'delete' => ['POST'],
               'access' =>[
                       'class' => AccessControl::className(),
                                      'actions' => ['index'],
                                      'roles' => ['?'],
                                             'actions' => ['index', 'detail'],
                                              'roles' => ['@'],
           'pageCache'=>[
                   'class'=>'yii\filters\PageCache',
```

```
'only'=>['index'],
                'duration'=>600,
               'variations'=>[
                       Yii::$app->request->get('page'),
                       Yii::$app->request->get('PostSearch'),
               'dependency'=>[
                       'class'=>'yii\caching\DbDependency',
                       'sql'=>'select count(id) from post',
       'httpCache'=>[
               'class'=>'yii\filters\HttpCache',
               'only'=>['detail'],
               'lastModified'=>function ($action,$params){
                   $q = new \yii\db\Query();
                   return $q->from('post')->max('update_time');
               'etagSeed'=>function ($action,$params) {
                   $post = $this->findModel(Yii::$app->request->get('id'));
                   return serialize([$post->title,$post->content]);
               'cacheControlHeader' => 'public,max-age=600',
 * @return mixed
public function actionIndex()
   $tags=Tag::findTagWeights();
   $recentComments=Comment::findRecentComments();
   $searchModel = new PostSearch();
   $dataProvider = $searchModel->search(Yii::$app->request->queryParams);
```

```
return $this->render('index', [
       'searchModel' => $searchModel,
       'dataProvider' => $dataProvider,
       'tags'=>$tags,
       'recentComments'=>$recentComments,
   ]);
* Displays a single Post model.
 * @param integer $id
public function actionView($id)
   return $this->render('view', [
       'model' => $this->findModel($id),
   ]);
* Creates a new Post model.
* If creation is successful, the browser will be redirected to the 'view' page.
* @return mixed
public function actionCreate()
   $model = new Post();
   if ($model->load(Yii::$app->request->post()) && $model->save()) {
       return $this->redirect(['view', 'id' => $model->id]);
       return $this->render('create', [
           'model' => $model,
       ]);
* If update is successful, the browser will be redirected to the 'view' page.
 * @param integer $id
 * @return mixed
```

```
public function actionUpdate($id)
       $model = $this->findModel($id);
       if ($model->load(Yii::$app->request->post()) && $model->save()) {
           return $this->redirect(['view', 'id' => $model->id]);
       } else {
           return $this->render('update', [
               'model' => $model,
           ]);
    * Deletes an existing Post model.
    * If deletion is successful, the browser will be redirected to the 'index'
page.
    * @param integer $id
    * @return mixed
   public function actionDelete($id)
       $this->findModel($id)->delete();
       return $this->redirect(['index']);
    * Finds the Post model based on its primary key value.
    * @param integer $id
    * @return Post the loaded model
    * @throws NotFoundHttpException if the model cannot be found
   protected function findModel($id)
       if (($model = Post::findOne($id)) !== null) {
           return $model;
           throw new NotFoundHttpException('The requested page does not exist.');
   public function actionDetail($id)
```

```
//step1. 准备数据模型
$model = $this->findModel($id);
$tags=Tag::findTagWeights();
$recentComments=Comment::findRecentComments();
$userMe = User::findOne(Yii::$app->user->id);
$commentModel = new Comment();
$commentModel->email = $userMe->email;
$commentModel->userid = $userMe->id;
if($commentModel->load(Yii::$app->request->post()))
   $commentModel->status = 1; //新评论默认状态为 pending
   $commentModel->post_id = $id;
   if($commentModel->save())
       $this->added=1;
return $this->render('detail',[
       'model'=>$model,
       'tags'=>$tags,
       'recentComments'=>$recentComments,
       'commentModel'=>$commentModel,
       'added'=>$this->added,
]);
```

```
}
```

Detail.php

```
<?php
use yii\helpers\Html;
use yii\grid\GridView;
use yii\widgets\ListView;
use frontend\components\TagsCloudWidget;
use frontend\components\RctReplyWidget;
use yii\helpers\HtmlPurifier;
use common\models\Comment;
use yii\helpers\Url;
?>
<div class="container">
   <div class="row">
       <div class="col-md-9">
          class="breadcrumb">
          <a href="<?= Yii::$app->homeUrl;?>">首页</a>
          <a href="<?= Url::to(['post/index']);?>">文章列表</a>
          <?= $model->title?>
          <div class="post">
              <div class="title">
                 <h2><a href="<?= $model->url;?>"><?=
Html::encode($model->title);?></a></h2>
                     <div class="author">
                     <span class="glyphicon glyphicon-time" aria-</pre>
hidden="true"></span><em><?= date('Y-m-d
H:i:s',$model->create_time)."     ";?></em>
                     <span class="glyphicon glyphicon-user" aria-</pre>
hidden="true"></span><em><?= Html::encode($model->author->nickname);?></em>
```

```
</div>
           <div class="content">
           <?= HTMLPurifier::process($model->content)?>
           </div>
           <div class="nav">
               <span class="glyphicon glyphicon-tag" aria-hidden="true"></span>
               <?= implode(', ',$model->tagLinks);?>
               <br>
               <?= Html::a("评论
({$model->commentCount})",$model->url.'#comments');?>
               最后修改于<?= date('Y-m-d H:i:s',$model->update_time);?>
           </div>
       <div id="comments">
           <?php if($added) {?>
           <br>
           <div class="alert alert-warning alert-dismissible" role="alert">
            <button type="button" class="close" data-dismiss="alert" aria-</pre>
label="Close"><span aria-hidden="true">&times;</span></button>
            <h4>谢谢您的回复,我们会尽快审核后发布出来!</h4>
            <?= nl2br($commentModel->content);?>
               <span class="glyphicon glyphicon-time" aria-</pre>
hidden="true"></span><em><?= date('Y-m-d
H:i:s',$model->create_time)."     %nbsp;";?></em>
              <span class="glyphicon glyphicon-user" aria-</pre>
hidden="true"></span><em><?= Html::encode($model->author->nickname);?></em>
           </div>
           <?php }?>
           <?php if($model->commentCount>=1) :?>
           <h5><?= $model->commentCount.'条评论';?></h5>
```

```
<?= $this->render('_comment',array(
                'post'=>$model,
                'comments'=>$model->activeComments,
         ));?>
         <?php endif;?>
         <h5>发表评论</h5>
         <?php
         $commentModel =new Comment();
         echo $this->render('_guestform',array(
                'id'=>$model->id,
                'commentModel'=>$commentModel,
         ));?>
         </div>
      <div class="col-md-3">
         <div class="searchbox">
             <span class="glyphicon glyphicon-search" aria-</pre>
hidden="true"></span> 查找文章
              <form class="form-inline" action="index.php?r=post/index"</pre>
id="w0" method="get">
                     <div class="form-group">
                      <input type="text" class="form-control"</pre>
name="PostSearch[title]" id="w0input" placeholder="按标题">
                     </div>
                     <button type="submit" class="btn btn-default">搜索</button>
                </form>
             <div class="tagcloudbox">
```

```
<span class="glyphicon glyphicon-tags" aria-hidden="true"></span>
标签云
            <?= TagsCloudWidget::widget(['tags'=>$tags])?>
           </div>
        <div class="commentbox">
          <span class="glyphicon glyphicon-comment" aria-</pre>
hidden="true"></span> 最新回复
            <?= RctReplyWidget::widget(['recentComments'=>$recentComments])?>
           </div>
     </div>
  </div>
</div>
```

# 实现文档@姜天嘉

## 模板设计

前台设计采用的模板为 Mate 前台模板 后台设计采用的模板为 AdminLTE 后台模板 数据分析界面采用的大数据模板

## 界面展示

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## 功能设计

#### 登录功能

在 yii2 框架特有的登录功能上进行改进,增加了 admin 项用户判断用户是否为管理员用户, 并且在管理员用户登录状态下显示后台入口

#### 倒计时模块

首页中有计算战争持续时间模块,利用异步模式触发页面变化

```
<script>
           var t = setTimeout(time, 0); /*開始运行*/
           function time(){
             clearTimeout(t); /*清除定时器*/
             var date_start = new Date(2022,1,24).getTime();
             var date_now = new Date().getTime();
             var long = Math.floor((date_now-date_start)/1000);
             var day=Math.floor(long/86400);
             var hour=Math.floor((long%86400)/3600);
             var minuet=Math.floor((long%3600)/60);
             var second=(long%60);
             document.getElementById("day").innerHTML =day;
             document.getElementById("hour").innerHTML =hour;
             document.getElementById("minuet").innerHTML =minuet;
             document.getElementById("second").innerHTML =second;
             t = setTimeout(time, 1000);
         </script>
```

### 数据分析模块

爬取数据

利用爬虫直接从一些网站上爬取数据(官方网站或者一些数据整理的网站) 将数据库的数据读取

```
use frontend\models\SjfxImportexport;
$query=SjfxImportexport::find();
$datas=$query->orderBy('month')->all();
```

将数据映射到网页上

```
data:[
     <?php</pre>
```

大致来说网页都是用这种方式实现的数据库访问

给过长数据表添加可伸缩横向拉伸条,在表的 option 中添加

直接利用 echat 中的库实现

#### 实现数据库的提交

在后台界面有时候需要进行数据库信息的提交,这里采用一种 javascript 直接提交+php 链接解析方式实现

在控制器中实现数据提交至数据库并刷新

```
public function actionIndex()
   {
       $request = Yii::$app->request;
       $get1 = $request->get("jtj");
       if($get1!=null){
           $record=Developer::find()->where(['name'=>'姜天嘉'])->one();
           $record->text=$get1;
           $record->save();
           $this->redirect(array('site/index'));
       }
       $get2 = $request->get("yzh");
       if($get2!=null){
           $record=Developer::find()->where(['name'=>'闫钊辉'])->one();
           $record->text=$get2;
           $record->save();
           $this->redirect(array('site/index'));
       $get3 = $request->get("wtp");
       if($get3!=null){
           $record=Developer::find()->where(['name'=>'王天鹏'])->one();
           $record->text=$get3;
           $record->save();
           $this->redirect(array('site/index'));
       $get4 = $request->get("zjs");
       if($get4!=null){
           $record=Developer::find()->where(['name'=>'张继盛'])->one();
           $record->text=$get4;
           $record->save();
           $this->redirect(array('site/index'));
       }
       return $this->render('index');
```

# 实现文档@闫钊辉

## 数据库实现

数据库的实现根据 localhost 进入数据库,数据库就是我们所设计的三个数据库,详见设计文档。

其中的数据来自网页中的自己寻找, 数据详实

## 网页的设计

网页的设计首先要根据自己的选择的模板进行设计,下面是我选择的模板:



### 根据我自己的设计改良

```
<?php
namespace frontend\controllers;

use yii\web\Controller;
use yii\data\Pagination;

class XwController extends Controller
{
   public function actionIndex()
   {
      return $this->render( view: 'index');
   }
}
```

先实现一个控制器

```
$n1 = News::findOne( condition: '1');
$d1=$n1->news_name;
$b1=$n1->news_web;

$n2 = News::findOne( condition: '2');
$d2=$n2->news_name;
$b2=$n2->news_web;

$n3 = News::findOne( condition: '3');
$d3=$n3->news_name;
$b3=$n3->news_web;

$n4 = News::findOne( condition: '4');
$d4=$n4->news_name;
$b4=$n4->news_web;
```

实现一下寻找数据库里面的数据

之后就是根据网页来进行修改。

