

High-Level Design(概要设计规约)

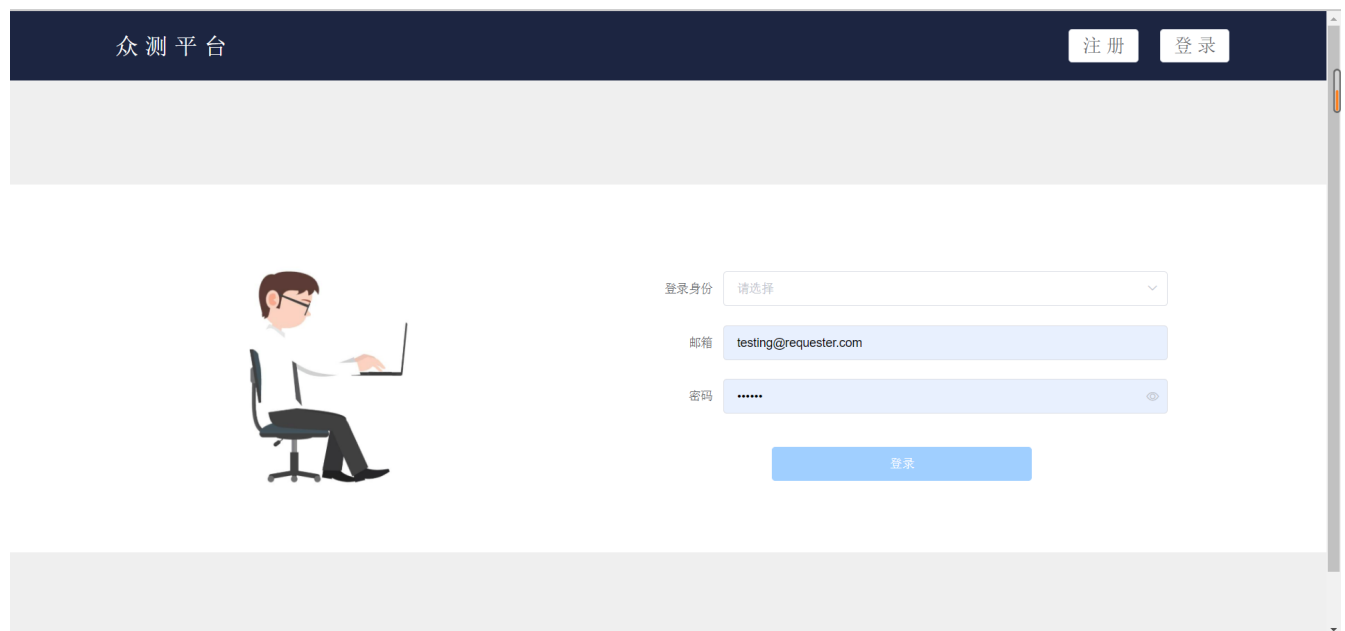
Prototype Design(原型设计)

The UI design of the project

Tourist Section

Sign in

This part is for tourist to sign in .



众测平台

注册 登录

登录身份 请选择

邮箱 testing@requester.com

密码

登录

Sign up

This part is for tourist to sign up .

众测平台

注册登录

身份

请选择身份

* 用户名

请输入用户名

* 邮箱

testing@requester.com

* 密码

* 确认密码

请重复输入密码

* 手机号码

请输入您的手机号码

* 年龄

请输入您的年龄


* 性别

请选择

* 姓名

请输入真实姓名

注册



Worker Section

View or modify personal information. Worker can view his personal informaon and make changes. View account balance\Make a withdrawal and view the withdrawal history

Worker can view his account balance in this page, and he can make a withdrawal and view the withdrawal history.

众测平台

欢迎回来 !!!
Guo

个人中心退出登陆

个人中心

任务广场

我的任务

交易明细

数据统计

帮助中心

Guo

工人ID: 271

账户余额: ¥ 16.7

姓名: 国琳

性别: 女

年龄: 21

电话号码: 18321851719

邮箱: testing@worker.com

提现方式: 微信

专业: 计算机

教育水平: 本科

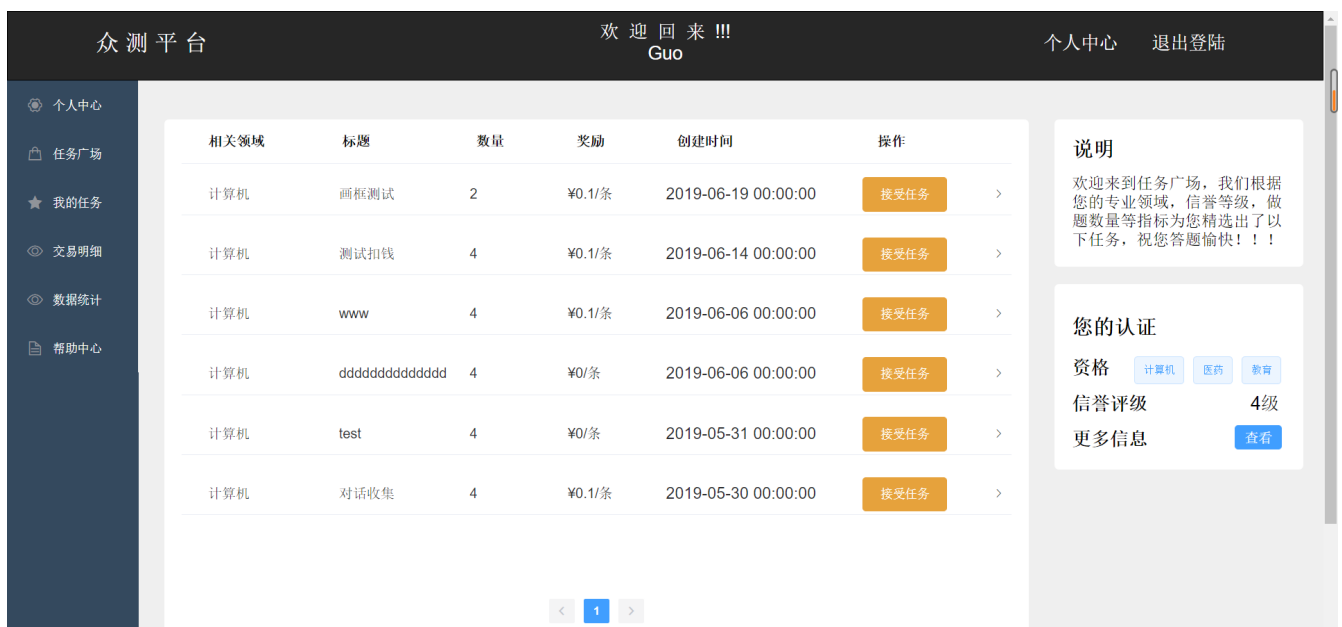
擅长领域: 计算机 医药 教育

所属机构: 计算机



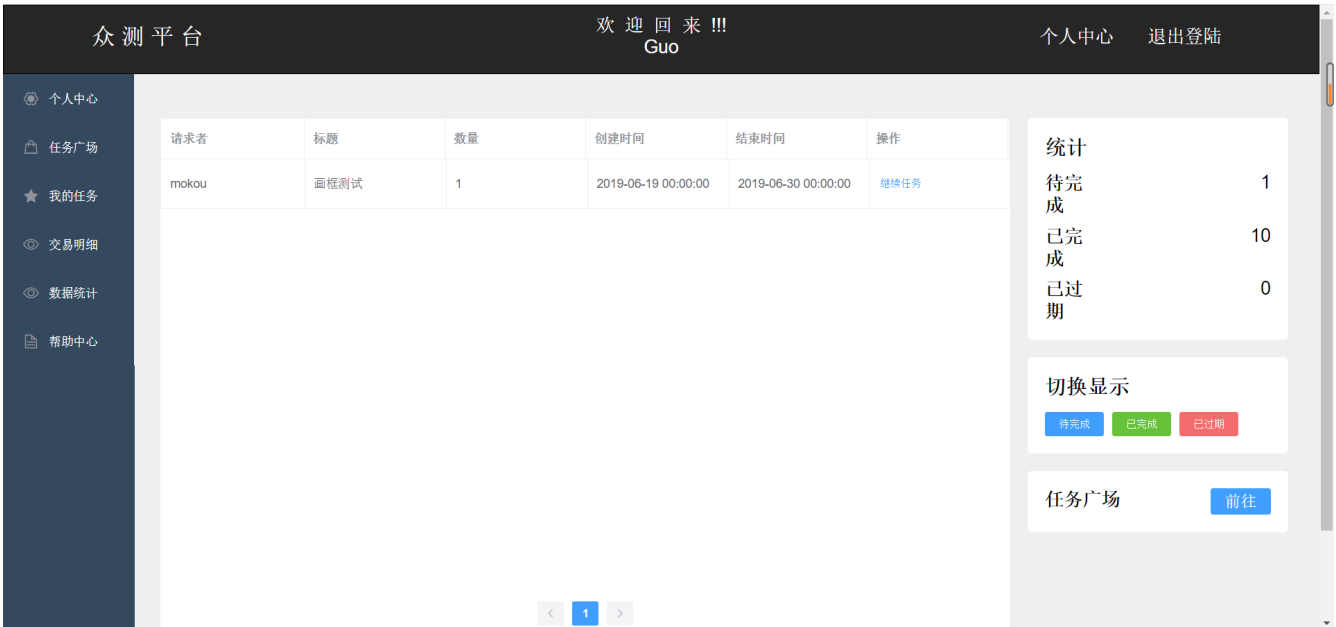
View Mission Square

This part is for viewing the tasks, you can know about task creation me, bonus amount, level requirements, etc.



View My mission

This part is for worker to learn about the details of own mission



View Deal

This part is for worker to learn about the details of the deal



View Data of the work



Requester Section

View personal information

Requester can view his personal information in this part

众测平台

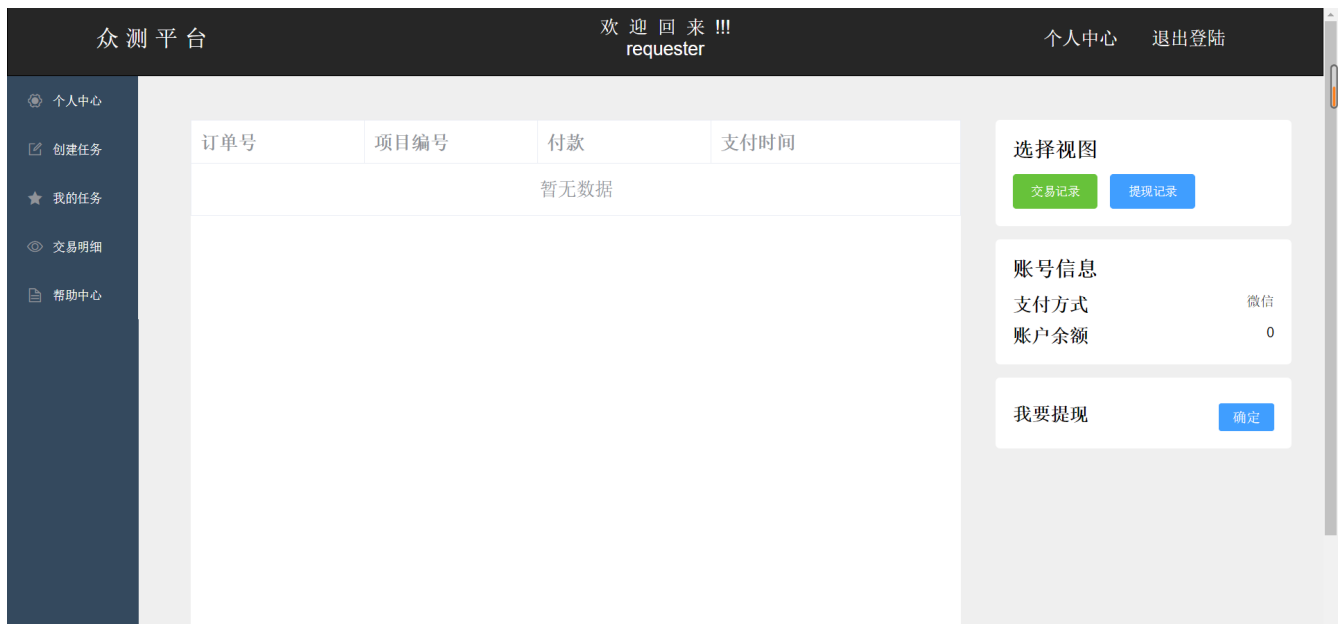
欢迎回来 !!!
requester

个人中心 退出登陆

个人中心
创建任务
我的任务
交易明细
帮助中心

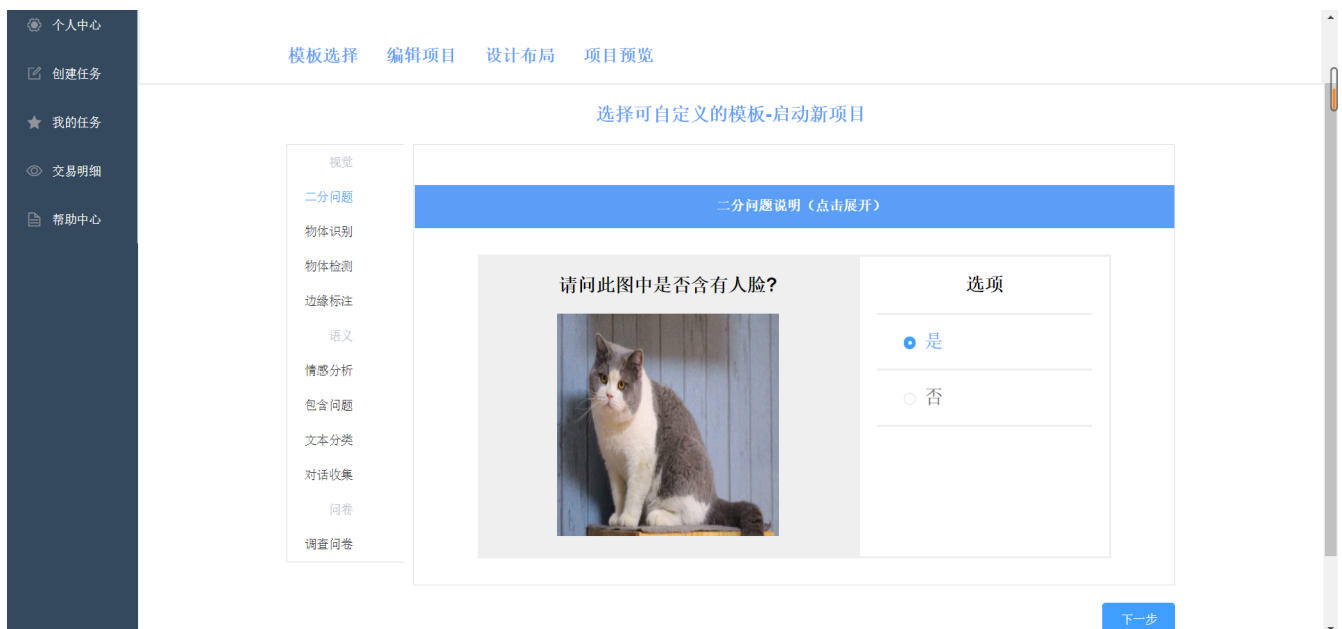
| | |
|-------|-----------------------|
| 昵称: | requester |
| 用户ID: | 381 |
| 账户余额: | ¥0 |
| 姓名: | Requester |
| 性别: | 女 |
| 年龄: | 21 |
| 电话号码: | 13224456789 |
| 邮箱: | testing@requester.com |
| 支付方式: | 微信 |

View account balance\Recharge operation Requester can view his account balance in this page, and he can do the recharge operation, in this part, he can also choose recharge method, is WeChat, Alipay or bank card.



Create Task Requester can create task in this page.

You can fill in project properties, specify design layout and preview project.



众测平台

欢迎回来 !!!
requester

个人中心退出登陆

个人中心


创建任务

我的任务

交易明细

帮助中心

请问此图中是否含有人脸?



选项

☒ 是

☐ 否

项目编号205

项目名称test

请求机构同济大学

涉及领域计算机

任务描述test

每题奖励¥0.1

题目总数4

截止时间2019-06-23 00:00:00

请问此图中是否含有人脸?

选项

众测平台

欢迎回来 !!!
requester

个人中心退出登陆

个人中心

创建任务

我的任务

交易明细

帮助中心

| 相关领域 | 标题 | 时间 | 操作 |
|------|------|----|-----------------|
| 计算机 | test | 1天 | <div>查看详情</div> |

<1>

View task response Requester can view task response in this page.

众测平台

欢迎回来 !!!
requester

个人中心退出登陆

个人中心

创建任务

我的任务

交易明细

帮助中心

任务描述:

请问此图中是否含有人脸?

任务选项:

是

否

任务状态:

答案收集中

第1份数据集

收集进度: 0%

准确率: 0%

导出答案

第2份数据集

收集进度: 0%

准确率: 0%

导出答案

验证校验集

Admin section

Check task

Admin can view check task in this page.

众测平台

欢迎回来 !!!

个人中心退出登陆

| 相关领域 | 标题 | 时间 | 操作 |
|------|--------|-------|-----------------|
| 计算机 | test | 1 天 | <div>查看详情</div> |
| 计算机 | test | 1 天 | <div>查看详情</div> |
| 医药 | 图像物体识别 | 120 天 | <div>查看详情</div> |
| 医药 | dsgsdg | 500 天 | <div>查看详情</div> |
| 医药 | 图像标识 | 120 天 | <div>查看详情</div> |

<

1

2

3

4

5

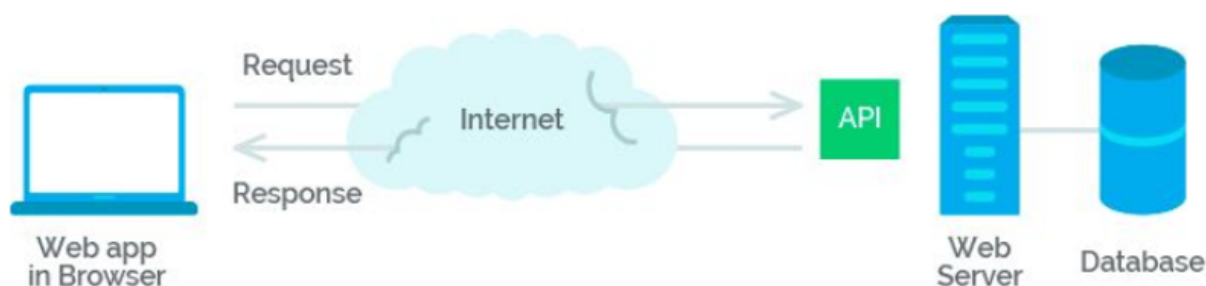
>

By XLab 众测小组



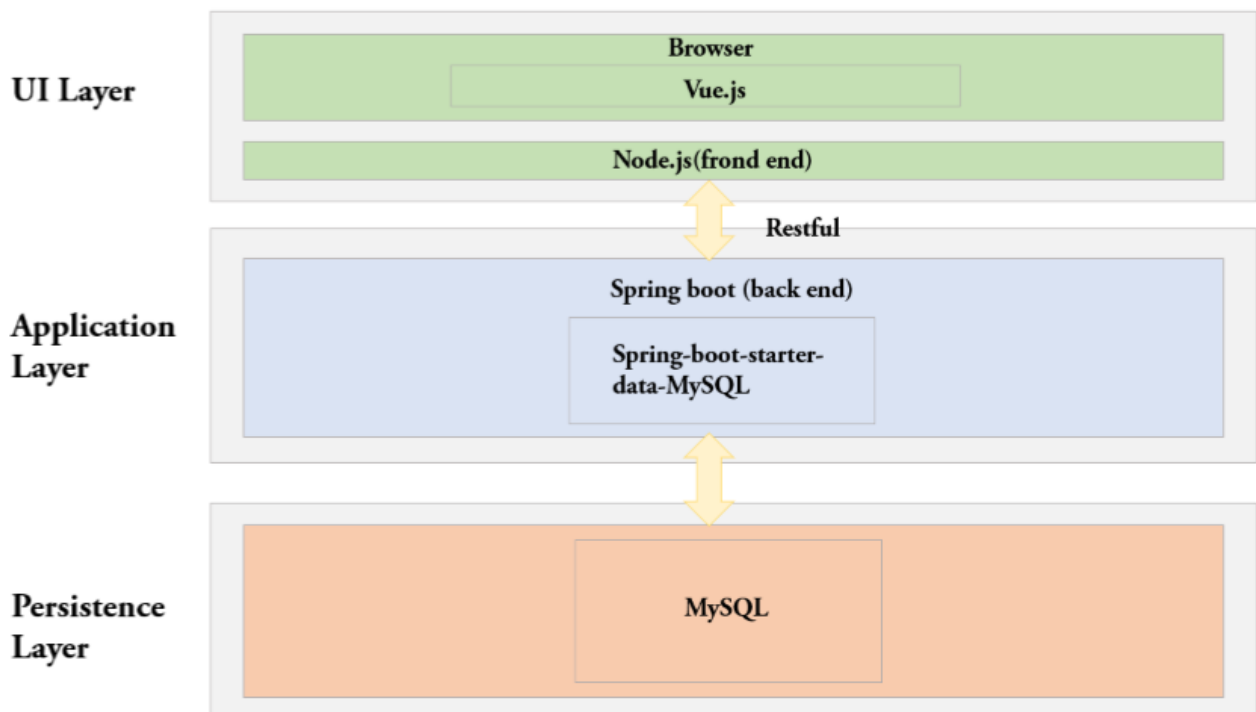
Business Architecture(业务架构)

Restful is a web-based software architecture style designed to facilitate the transfer of information between different software/programs on a network such as the Internet. First, the web app sends a request to the backend through the Internet in the browser. The back end sends data requests to the database through the code, and the back end returns the data to the front end, completing the complete separation of the front and back ends.



Technology Architecture(技术架构)

The architecture of the technology stacks (coding language, frameworks, libraries, styles, etc) used in the project. Here is our Technology Architecture:

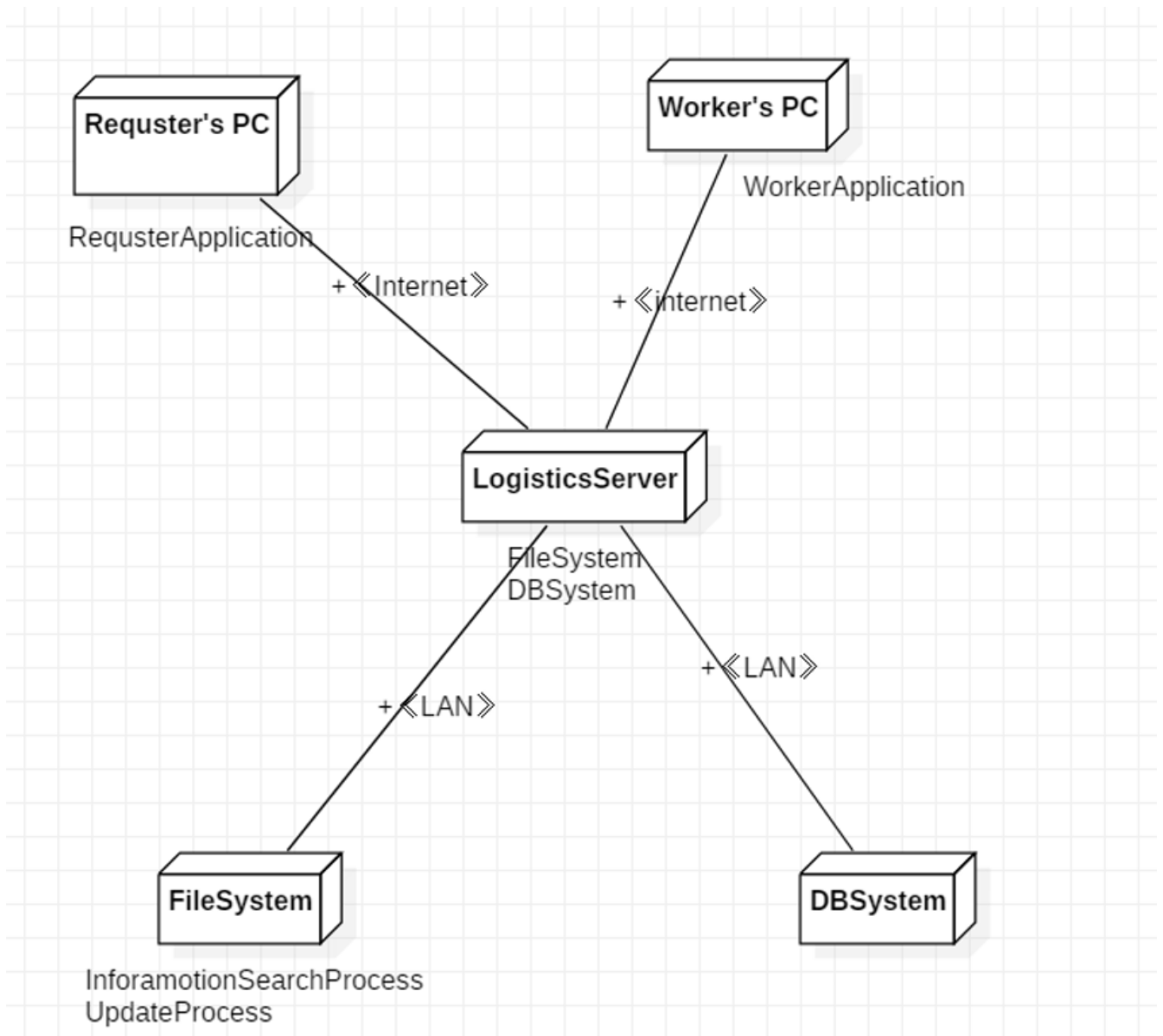


In the UI Layer, we use Vue.js as our front end frame and build the front end on the Nodejs.

In the Application Layer, we use Java as the primary development language for our backend. At the same me, we use the Spring-boot-starter-data-MySQL to Exchange data with the MySQL database.

In the Persistence Layer, we use MySQL for basic data storage, while using Redis to save cookies that record user login status. Spring-boot automatically caches logs and checks for errors or business records.

Deployment Topology(部署架构)



Deployment Topology shows how the whole project is deployed in the physical environment, including servers, VMs/containers, networks, key components, etc. An overview picture is required to show the topology. Here is our Deployment Topology:

We use the method of front and rear separation to deploy, at the same me, the back end of our estimation system and the back end of the crowdsourcing system are respectively deployed on two computers, respectively interacting with different databases, but together for the same front-end service. This depends on spring's support for cross-domain access, and the low coupling between the estimate system and the crowdsourcing system.

Data Models(数据建模)

Entity-Relation Design(实体-关系设计)

An Entity-Relation Diagram is required to show the concepts in the project and their relations. Here is our E-R diagram.

ER图

Relationship

Worker-Task Each worker can select multiple tasks to complete, and each task can be selected by multiple workers.

User-Worker A user can choose to register as a worker, and each user_id will uniquely correspond to a worker_id.

Resource-Question Each question can have multiple image resources, and each image resource can also correspond to multiple questions.

Task-Requester Each requester can publish multiple tasks, each task uniquely corresponds to one publisher - requester

Question-Open_answer Each short answer question can have multiple answers, and each answer can only correspond to one question.

Question-Options Each multiple-choice question can have multiple options, each option uniquely corresponding to a short answer question

Options- Option_selected Each option can have multiple choices of answers, and each answer can only uniquely correspond to one option.

Database Design(数据库设计)

漫长的数据库设计

接口规约

The specifications of interfaces used in interactions among subsystems

Tourist

register As Worker

[在线测试](#) [在线浏览](#)

请求方式: POST

请求地址: <http://localhost:8880/register-as-worker>

| Body**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|-----------------|--------|----|----|---------|
| eMail | string | 是 | | |
| password | string | 是 | | |
| username | string | 是 | | |
| name | string | 是 | | |
| teleNumber | string | 是 | | |
| withdrawnMethod | string | 是 | | |
| education | string | 是 | | |
| workArea | string | 是 | | |
| age | string | 是 | | |
| gender | string | 是 | | |
| major | string | 是 | | |

register As Requester

[在线测试](#) [在线浏览](#)

请求方式：POST

请求地址：<http://localhost:8880/register-as-requester>

| Body**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|-----------------|--------|----|----|---------|
| eMail | string | 是 | | |
| password | string | 是 | | |
| username | string | 是 | | |
| name | string | 是 | | |
| teleNumber | string | 是 | | |
| research_field | string | 是 | | |
| institutionName | string | 是 | | |
| address | string | 是 | | |
| payMethod | string | 是 | | |
| gender | string | 是 | | |
| age | string | 是 | | |

login

[在线测试](#) [在线浏览](#)

请求方式：POST

请求地址：<http://localhost:8880/login>

| Body**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|-------------|--------|----|----------------------|--|
| username | string | 是 | the username of user | 1661752018@qq.com |
| password | string | 是 | the password of user | tongji |
| role | string | 是 | the role of the user | ROLE_WORKER |

详细说明：

This interface is used to login, it will return with a token.

register

[在线测试](#) [在线浏览](#)

请求方式：POST

请求地址：<http://localhost:8080/register>

| Body**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|-------------|--------|----|-----------------------|--|
| username | string | 是 | the email of the user | 1661752018@qq.com |
| password | string | 是 | the password of user | tongji |
| role | string | 是 | the role of user | ROLE_WORKER |

详细说明：

This interface is used to register.The return value depends on the situation of adding.

requester Add

[在线测试](#) [在线浏览](#)

请求方式：POST

请求地址：<http://localhost:8080/requester/add>

| Body**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|-----------------|--------|----|----------------------------------|--|
| username | string | 是 | The username of the requester | lyh |
| name | string | 是 | The name of the requester | liuyue |
| teleNumber | string | 是 | the teleNumber of the requester | 13367403962 |
| eMail | string | 是 | eMail of the requester | 1661752019@qq.com |
| research_field | string | 是 | research_field of the requester | medical |
| institutionName | string | 是 | institutionName of the requester | tongji university |
| address | string | 是 | address of the requester | 上海 |
| payMethod | string | 是 | payMethod of the requester | 支付宝 |
| gender | string | 是 | gender of the requester | 0 |
| age | string | 是 | age of the requester | 30 |

详细说明：

This interface is used to add rows to the table "Requester".Because of "not null" restrictions, parameter "username" and "name" must be input.

worker Add

[在线测试](#) [在线浏览](#)

请求方式：POST

请求地址: <http://localhost:8880/worker/add>

| Body**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|-----------------|---------|----|-----------------------------------|--|
| username | string | 是 | Username of the worker | lyh |
| name | string | 是 | Username of the worker | liuyuehan |
| teleNumber | string | 是 | teleNumber of the worker | 13956642750 |
| eMail | string | 是 | eMail of the worker | 1661752019@qq.com |
| withdrawnMethod | string | 是 | withdrawnMethod of the worker | 支付宝 |
| education | string | 是 | education situation of the worker | university |
| workArea | string | 是 | workArea of the worker | software engineering |
| age | integer | 是 | age of the worker | 19 |
| gender | integer | 是 | gender of the worker | 0 |
| major | string | 是 | major of the user | |

详细说明:

This interface is used to add rows to the table "Worker".Because of "not null" restrictions, parameter "username" and "name" must be input.

task Find All

[在线测试](#) [在线浏览](#)

请求方式: GET

请求地址: <http://localhost:8880/task/find-all>

详细说明:

This interface is used to get all the tasks which are arranged in reverse order.

Worker

answer

[在线测试](#) [在线浏览](#)

请求方式: POST

请求地址: <http://localhost:8880/question/answer>

answer One

[在线测试](#) [在线浏览](#)

请求方式：POST

请求地址：<http://localhost:8080/question/answer-one>

| Header**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|---------------|--------|----|-------------------|--|
| X_Auth_Token | string | 是 | the token of user | eyJhbGciOiJIUzUxMiJ9.eyJzdWiiOiJnb29kX2RheSIsImNyZWZ0ZWQlOiE1NDM5MTAyMDkwNjcsImV4cCI6MTU0NDUxNTAwOX0.hXXrtau1PEgHZbucGzxfnW5I3yGjd9k49uJNWrEihCbcM1fyOF5q6bggyrtie |

| Body**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|-------------|---------|----|---------------------------|---------|
| optionId | integer | 是 | the id of the option | 2 |
| content | string | 是 | the content of the answer | 没什么想法 |

详细说明：

This interface is used to answer a question.

select One

[在线测试](#) [在线浏览](#)

请求方式：POST

请求地址：<http://localhost:8080/question/select-one>

| Header**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|---------------|--------|----|-------------------|---|
| X_Auth_Token | string | 是 | the token of user | eyJhbGciOiJIUzUxMiJ9.eyJzdWiiOiJpdW5zaGlzZSIsImNyZWZ0ZWQlOiE1NDIxNzEwMjAwNzksImV4cCI6MTU0Mjc3NTgyMH0.03MDnA4bkaZLC0KM5bwKRQ_E6ttZJZOjkl_Xg_Onlq2jsHvBWgZ6N4pTV8Kr |

| Body**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|-------------|---------|----|------------------|---------|
| optionId | integer | 是 | the id of option | 1 |

详细说明：

This interface is used to select one option.

find My Task

[在线测试](#) [在线浏览](#)

请求方式：GET

请求地址：<http://localhost:8880/personal-task/find-my-task>

| Header**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|---------------|--------|----|-------------------|---|
| X_Auth_Token | string | 是 | the token of user | eyJhbGciOiJIUzUxMiJ9.eyJzdWiiOiJnb29kX2RheSIsImNyZWZ0ZWQlOiE1NDIxNjg5MjU1ODgsImV4cCI6MTU0Mjc3MzcyNX0.FFuxjCQMBMf3kB4KFVUqIEMnZOCY8IZTBBEUzNuc_7QGcmXF6iFbGNILPxlrjw |

详细说明:

This interface is used to get my(worker) task lists.

find Myself

[在线测试](#) [在线浏览](#)

请求方式: GET

请求地址: <http://localhost:8080/worker/find-myself>

| Header**参数** | 类型 | 必需 | 描述 | 示例 e.g. |
|--------------|--------|----|-------------------|---|
| X_Auth_Token | string | 是 | the token of user | eyJhbGciOiJIUzUxMiJ9.eyJzdWIiOiJnb29kX2RheSIsImNyZWZlbnQiOiJlNDIxNjg5MjU1ODgsImV4cCI6MTU0Mjc3MzcyNX0.FFuxjCQMBMf3kB4KFVUqIEMnZOCY8iZTBBEUzNuc_7QGcmXF6iFbGNILPxlnjw |

详细说明:

This interface is used to check the user's(worker) information.

personal Task Add

[在线测试](#) [在线浏览](#)

请求方式: POST

请求地址: <http://localhost:8080/personal-task/add>

| Header**参数** | 类型 | 必需 | 描述 | 示例 e.g. |
|--------------|--------|----|-------------------|---|
| X_Auth_Token | string | 是 | the token of user | eyJhbGciOiJIUzUxMiJ9.eyJzdWIiOiJnb29kX2RheSIsImNyZWZlbnQiOiJlNDIxNjg5MjU1ODgsImV4cCI6MTU0Mjc3MzcyNX0.FFuxjCQMBMf3kB4KFVUqIEMnZOCY8iZTBBEUzNuc_7QGcmXF6iFbGNILPxlnjw |

| Body**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|-------------|---------|----|--------------------|---------|
| taskId | integer | 是 | The id of the task | 3 |

详细说明:

This interface is used to add pairs of workers and tasks. Besides, this interface is temporary. After the natural join logic finishes, this interface will update.

worker Delete

[在线测试](#) [在线浏览](#)

请求方式: DELETE

请求地址: <http://localhost:8080/worker/delete>

| Body**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|-------------|---------|----|----------------------|---------|
| id | integer | 是 | The id of the worker | 9 |

详细说明：

This interface is used to delete data in database identifying by id of the worker.

worker Update

[在线测试](#) [在线浏览](#)

请求方式：PUT

请求地址：<http://localhost:8880/worker/update>

| Header**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|---------------|--------|----|-------------------|---|
| X_Auth_Token | string | 是 | the token of user | eyJhbGciOiJIUzUxMiJ9.eyJzdWIiOiIxNjYxNzUyMDE4QHFxLmNvbSIsImNyZWZlZWF0ZWQiOiJlNDQ0NDY1OTQ3NDcslmV4cCI6MTU0NTA1MTM5NH0.JlnE7LLY9nt1HAst10HMr51Rf2Mwb7Q6q5rR92ej5GJJOP |

| Body**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|-----------------|--------|----|-----------------------------------|--|
| username | string | 是 | Username of the worker | lyh |
| name | string | 是 | true name of the user | liuyuehan |
| teleNumber | string | 是 | teleNumber of the worker | 13956642750 |
| eMail | string | 是 | eMail of the worker | 1661752018@qq.com |
| withdrawnMethod | string | 是 | withdrawnMethod of the worker | 支付宝 |
| education | string | 是 | education situation of the worker | university |
| workArea | string | 是 | workArea of the worker | software engineering |
| age | string | 是 | age of the worker | 19 |
| gender | string | 是 | gender of the worker | 0 |
| major | string | 是 | major of the user | |

详细说明：

This interface is used to update one worker's information.

Requester

addResource

[在线测试](#) [在线浏览](#)

请求方式：POST

请求地址：<http://localhost:8880/question/add-resource>

| Header**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|---------------|--------|----|------------------------|--|
| X_Auth_Token | string | 是 | the token of requester | eyJhbGciOiJIUzUxMiJ9.eyJzdWUiOiJzdW5zaGluZSIsImNyZWZ0ZWQlOiJlNDIxNzEwMjAwNzksImV4cCI6MTU0Mjc3NTgyMH0.03MDnA4bkaZLC0KM5bwKRQ_E6ttZjZOjkl_Xg_Onlq2jsHvBWgZ6N4pTV |

| Body**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|-------------|---------|----|--------------------|---------|
| questionId | integer | 是 | the id of question | 1 |
| resourceId | integer | 是 | the id of resource | 1 |

seeAllAnswer

[在线测试](#) [在线浏览](#)

请求方式：GET

请求地址：<http://localhost:8080/question/see-all-answer>

| Header**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|---------------|--------|----|-------------------|---|
| X_Auth_Token | string | 是 | the token of user | eyJhbGciOiJIUzUxMiJ9.eyJzdWUiOiJzdW5zaGluZSIsImNyZWZ0ZWQlOiJlNDIxNzEwMjAwNzksImV4cCI6MTU0Mjc3NTgyMH0.03MDnA4bkaZLC0KM5bwKRQ_E6ttZjZOjkl_Xg_Onlq2jsHvBWgZ6N4pTV8Kr |

| Query**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|--------------|--------|----|----------------|---------|
| taskId | string | 是 | the id of task | 1 |

taskAttribute

[在线测试](#) [在线浏览](#)

请求方式：POST

请求地址：<http://localhost:8080/task/attribute>

| Body**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|-------------|--------|----|---------|---------|
| id | string | 是 | | |
| name | string | 是 | | |
| discribe | string | 是 | | |
| tag | string | 是 | | |
| reward | string | 是 | 项目报酬 | |
| population | string | 是 | 参与人数 | |
| finish_time | string | 是 | 完成项目的时限 | |
| limitation | string | 是 | 项目的起止时间 | |
| pay_time | string | 是 | 自动支付的时间 | |
| condition | string | 是 | | |
| if_expert | string | 是 | | |

optionAdd

[在线测试](#) [在线浏览](#)

请求方式：POST

请求地址：<http://localhost:8880/question/add-option>

| Header**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|---------------|--------|----|-------------------|---|
| X_Auth_Token | string | 是 | the token of user | eyJhbGciOiJIUzUxMiJ9.eyJzdWiiOiJpdW5zaGluzSIsImNyZWV0ZWQjOiJlNDIxNzEwMjAwNzksImV4cCI6MTU0Mjc3NTgyMH0.03MDnA4bkaZLc0KM5bwkRQ_E6ttZjZOjkl_Xg_Onlq2jsHvBWgZ6N4pTV8Kr |

| Body**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|----------------------|---------|----|---------------------------|---------|
| content | string | 是 | the content of the option | 是 |
| questionId | integer | 是 | the id of the question | 1 |
| openAnswerPermission | integer | 是 | | |
| optionNumber | integer | 是 | the number of the option | 1 |

详细说明：

This interface is used to add option to a question.

questionAdd

[在线测试](#) [在线浏览](#)

请求方式：POST

请求地址：<http://localhost:8880/question/add-question>

| Header**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|---------------|--------|----|-------------------|--|
| X_Auth_Token | string | 是 | the token of user | eyJhbGciOiJIUzUxMiJ9.eyJzdWiiOiJpdW5zaGluc2lslmNyZWZ0ZWQlOiE1NDIxNzEwMjAwNzksImV4cCI6MTU0Mjc3NTgyMH0.03MDnA4bkaLZLC0KM5bwkRQ_E6ttZJZOjkl_Xg_Onlq2jsHvBWgZ6N4pTV8Kr |

| Body**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|-----------------|---------|----|--------------------------|---------|
| taskId | integer | 是 | the id of task | 1 |
| content | string | 是 | the content of question | 问卷调查 |
| resourceLoading | integer | 是 | | 0 |
| type | integer | 是 | the type of the question | 0 |

详细说明：

This interface is used to add question.

findMyself

[在线测试](#) [在线浏览](#)

请求方式：GET

请求地址：<http://139.199.183.133:8080/requester/find-myself>

| Header**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|---------------|--------|----|-------------------|--|
| X_Auth_Token | string | 是 | the token of user | eyJhbGciOiJIUzUxMiJ9.eyJzdWiiOiJpYXBweV9kYXkiLCJjcmVhdGVkIjoxNTQyMTY5OTg1NzExLCJleHAiOiE1NDI3NzQ3ODV9.k-mj_AVofkYdrom3z4Kf47Uw_4cs8_hgG1N34rxxuS-GNFB5_265xlKCJAFNXNkwF-bEm5GQWE9xqrvF3VlahQ |

详细说明：

The interface is used to get user's(requester) information.

requesterDelete

[在线测试](#) [在线浏览](#)

请求方式：DELETE

请求地址：<http://localhost:8080/requester/delete>

| Body**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|-------------|---------|----|-------------------------|---------|
| id | integer | 是 | The id of the requester | 10 |

详细说明:

This interface is used to delete data in the table "Requester" identified by id.

requesterUpdate

[在线测试](#) [在线浏览](#)

请求方式: PUT

请求地址: <http://localhost:8880/requester/update>

| Header**参数** | 类型 | 必需 | 描述 | 示例 e.g. |
|--------------|--------|----|-------------------|---|
| X_Auth_Token | string | 是 | the token of user | eyJhbGciOiJIUzUxMiJ9.eyJzdWIiOiIyZWZ0ZWQwIjE1NDQ0NTA5NjA0NjYsImV4cCI6MjU0NTA1NTc2MH0.milva2OjplGDT6u3MJ3VNVG2uwiZezCCf87fKb4NX_ZTU8PuoDw-FazB7pad8pVoyz8maOVz5VxLNRip7lVA |

| Body**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|-----------------|--------|----|----------------------------------|--|
| username | string | 是 | The username of the requester | lyh |
| name | string | 是 | The name of the requester | liuyue |
| teleNumber | string | 是 | the teleNumber of the requester | 13367403962 |
| eMail | string | 是 | eMail of the requester | 1661752019@qq.com |
| research_field | string | 是 | research_field of the requester | medical |
| institutionName | string | 是 | institutionName of the requester | tongji university |
| address | string | 是 | address of the requester | 上海 |
| payMethod | string | 是 | payMethod of the requester | 支付宝 |
| gender | string | 是 | gender of the requester | 0 |
| age | string | 是 | age of the requester | 30 |

详细说明:

This interface is used to update one worker's information.

taskDataAdd

[在线测试](#) [在线浏览](#)

请求方式: POST

请求地址: <http://localhost:8080/taskData/add>

| Header**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|---------------|--------|----|-------------------|--|
| X_Auth_Token | string | 是 | the token of user | eyJhbGciOiJIUzUxMiJ9.eyJzdWIiOiJnb29kZDhRZSIsImNyZWZwZXQ6IjE1NDIxNjgzNTk0MDRslmV4cC6MTU0Mjc3MzE1OX0.PfbnTW-_p3qkWWYcq0cnX9clIWGMj6QXS9T8S694PaGqPDcee5_rK1eNp5_vq6SXOF8lw7zPngYE8ha2yqxQ |

| Body**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|-----------------|--------|----|---------------------------------|---|
| taskId | object | 是 | the Id of task to be updated | 15 |
| name | string | 是 | the name of the task | this task require some people to do tagging |
| description | string | 是 | the description of the task | this task require some people to do tagging |
| reward | string | 是 | the reward of task | 20 |
| status | string | 是 | the status of the task | 良好 |
| type | string | 是 | the type of the task | 问卷调查 |
| restrictions | string | 是 | the restrictions of the task | 学生 |
| start_time | string | 是 | the start_time of the task | 2018-12-10 00:00:00 |
| end_time | string | 是 | the end_time of the task | 2018-12-12 00:00:00 |
| level | string | 是 | the level of the task | 1 |
| time_limitation | string | 是 | the time_limitation of the task | 3 |
| pay_time | string | 是 | the pay_time of the task | 1 |

详细说明：

The interface is used to update a task.

This can only be used by requester.

taskAdd

[在线测试](#) [在线浏览](#)

请求方式：POST

请求地址：<http://localhost:8880/task/add>

| Header**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|---------------|--------|----|-------------------|---|
| X_Auth_Token | string | 是 | the token of user | eyJhbGciOiJIUzUxMiJ9.eyJzdWiiOiJpdW5zaGluZSIsImNyZWZ0ZWQlOiJE1NDixNzEwMjAwNzksImV4cCI6MTU0Mjc3NTgyMH0.03MDnA4bkaZLlC0KM5bwKRQ_E6ttZJZOjkl_Xg_Onlq2jsHvBWgZ6N4pTV8Kr |

| Body**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|-----------------|----------|----|--|---|
| name | string | 是 | the name of the task | Tag |
| description | string | 是 | the description of the task | this task require some people to do tagging |
| reward | integer | 是 | the reward of task | 20 |
| status | string | 是 | the status of the task | 良好 |
| type | string | 是 | the type of the task | 问卷调查 |
| restrictions | string | 是 | the restrictions of the task | 学生 |
| start_time | datetime | 是 | the start_time of the task | 2018-12-10 00:00:00 |
| end_time | datetime | 是 | the end_time of the task | 2018-12-12 00:00:00 |
| level | integer | 是 | the level of the task | 1 |
| time_limitation | integer | 是 | the time_limitation of the task | 3 |
| pay_time | integer | 是 | the pay_time of the task | 1 |
| area | string | 是 | the area of the task | |
| usage | string | 是 | the usage of the task | |
| min_age | integer | 是 | the minimal age of worker who can do this task | |
| max_age | integer | 是 | the maximal age of worker who can do this task | |

详细说明:

This interface is used to add a new task.

Name,description and requester_id is must.

This can only be used by requester.

General

seeHisQuestion

[在线测试](#) [在线浏览](#)

请求方式: GET

请求地址: <http://localhost:8080/question/see-his-answer>

| Header**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|---------------|--------|----|-------------------|---|
| X_Auth_Token | string | 是 | the token of user | eyJhbGciOiJIUzUxMiJ9.eyJzdWiiOiJnb29kX2RheSIsImNyZWZ0ZWQlOiE1NDM5MTAyMDkwNjcsImV4cCI6MTU0NDUxNTAwOX0.hXXrtau1PEgHZbucGzxfnW5l3yGjd9k49ujNWrEihCbcM1fyOF5q6bgyrtie |

| Query**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|--------------|--------|----|----------------------|---------|
| taskId | string | 是 | the id of the task | 6 |
| workerId | string | 是 | the id of the worker | 22 |

详细说明：

This interface is used to see someone's answer of a task.

seeAllQuestion

[在线测试](#) [在线浏览](#)

请求方式：GET

请求地址：<http://localhost:8880/question/see-all-question>

| Header**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|---------------|--------|----|-------------------|---|
| X_Auth_Token | string | 是 | the token of user | eyJhbGciOiJIUzUxMiJ9.eyJzdWiiOiJkdW5zaGlzSIsImNyZWZ0ZWQlOiE1NDIxNzEwMjAwNzksImV4cCI6MTU0Mjc3NTgyMH0.03MDnA4bkaLZLC0KM5bwkRQ_E6ttZjZOjkl_Xg_Onlq2jsHvBWgz6N4pTV8Kr |

| Query**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|--------------|---------|----|----------------|---------|
| taskId | integer | 是 | the id of task | 1 |

详细说明：

This interface is used to see all question.

changePassword

[在线测试](#) [在线浏览](#)

请求方式：PUT

请求地址：<http://localhost:8080/changePassword>

| Header**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|---------------|--------|----|-------------------|---|
| X_Auth_Token | string | 是 | the token of user | eyJhbGciOiJIUzUxMiJ9.eyJzdWiiOiJnb29kX2RheSIsImNyZWZ0ZWQlOiE1NDIxNjgzNTk0MDgslmV4cCI6MTU0Mjc3MzE1OX0.PfbnTW-_p3qMWYcq0cnX9clIWGmj6QXS9T8Ss694PaGqPDcee5_rK1JeNp5_vq6SXOF8lwX7zPngYE8ha2ygxQ |

| Body**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|-------------|--------|----|------------------|----------|
| password | string | 是 | the new password | software |

详细说明：

This interface is used to change password.

changePassword

[在线测试](#) [在线浏览](#)

请求方式: PUT

请求地址: <http://localhost:8080/changePassword>

| Body**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|-------------|--------|----|----------------------|--------------------|
| name | string | 是 | the name of the user | happy_all_the_time |
| password | string | 是 | the new password | tongji |

详细说明:

This interface is used to change the password of the user.

personalTaskDelete

[在线测试](#) [在线浏览](#)

请求方式: DELETE

请求地址: <http://localhost:8080/personal-task/delete>

| Header***参 数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|--------------------|--------|----|-------------------|--|
| X_Auth-Token | string | 是 | the token of user | eyJhbGciOiJIUzUxMiJ9.eyJzdWIiOiJnb29kX2RheSIsImNpZWF0ZDZlZG9E1NDIxNjg5MjU1ODgslmV4Cl6MTU0Mjc3MzcyNX0.FFuxjCQMBMf3kB4KFVUqIEMnZOCY8iZTBBEUzNuc_7QGcmXF6iFbGNLPxlnjw |

| Body**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|-------------|---------|----|----------------------|---------|
| workerId | integer | 是 | The id of the worker | 2 |
| taskId | integer | 是 | The id of the task | 3 |

详细说明:

This interface is used to delete one row of personaltask.

personalTaskFindWorkerList

[在线测试](#) [在线浏览](#)

请求方式: GET

请求地址: <http://localhost:8080/personal-task/find-worker-list>

| Header**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|---------------|--------|----|-------------------|---|
| X_Auth-Token | string | 是 | the token of user | eyJhbGciOiJIUzUxMiJ9.eyJzdWUiOiJnb29kX2RheSIsImNyZWZlbnQiOiJlNDIxNjgzNTk0MDgslmV4cCI6MTU0Mjc3MzE1OX0.PfbnTW-_p3qMWYcq0cnX9clIWGmj6QXS9T8Ss694PaGqPDcee5_rK1JeNp5_vq6SXOF8lwX7zPngYE8ha2ygxQ |

| Query**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|--------------|---------|----|--------------------|---------|
| id | integer | 是 | The id of the task | 2 |

详细说明：

This interface is used to find a list of worker's ids by task's id which the workers joined in.

personalTaskFindTaskList

[在线测试](#) [在线浏览](#)

请求方式：GET

请求地址：<http://localhost:8080/personal-task/find-task-list>

| Header**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|---------------|--------|----|-------------------|---|
| X_Auth-Token | string | 是 | the token of user | eyJhbGciOiJIUzUxMiJ9.eyJzdWUiOiJnb29kX2RheSIsImNyZWZlbnQiOiJlNDIxNjgzNTk0MDgslmV4cCI6MTU0Mjc3MzE1OX0.PfbnTW-_p3qMWYcq0cnX9clIWGmj6QXS9T8Ss694PaGqPDcee5_rK1JeNp5_vq6SXOF8lwX7zPngYE8ha2ygxQ |

| Query**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|--------------|---------|----|----------------------|---------|
| id | integer | 是 | The id of the worker | 1 |

详细说明：

This interface is used to find a list of task's ids by worker's id which the worker joined in.

requesterFindByUsername

[在线测试](#) [在线浏览](#)

请求方式：GET

请求地址：<http://localhost:8880/requester/find-by-username>

| Header**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|---------------|--------|----|-------------------|---|
| X_Auth-Token | string | 是 | the token of user | eyJhbGciOiJIUzUxMiJ9.eyJzdWUiOiJnb29kX2RheSIsImNyZWZlbnQiOiJlNDIxNjgzNTk0MDgslmV4cCI6MTU0Mjc3MzE1OX0.PfbnTW-_p3qMWYcq0cnX9clIWGmj6QXS9T8Ss694PaGqPDcee5_rK1JeNp5_vq6SXOF8lwX7zPngYE8ha2ygxQ |

| Query**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|--------------|--------|----|-------------------------------|---------|
| username | string | 是 | The username of the requester | hyq |

详细说明：

This interface is used to find requester's information through his username. Usually, this interface is used after a requester log in.

requesterFindById

[在线测试](#) [在线浏览](#)

请求方式：GET

请求地址：<http://localhost:8080/requester/find-by-id>

| Query**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|--------------|---------|----|-------------------------|---------|
| id | integer | 是 | The id of the requester | 1 |

详细说明：

This interface is used to find requester's information through id.

workerFindByUsername

[在线测试](#) [在线浏览](#)

请求方式：GET

请求地址：<http://localhost:8880/worker/find-by-username>

| Header**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|---------------|--------|----|-------------------|--|
| X_Auth_Token | string | 是 | The token of user | eyJhbGciOiJIUzUxMiJ9.eyJzdWIiOiJnb29kX2RheSIsImNyZWZ0ZWQlOiE1NDIxNjg5MjU1ODgsImV4cC6MTU0Mjc3MzcyNX0.FFuxjCQMBMf3k84KFVUqIEMnZOCY8IZTBBEUzNuc_7QGcmXF6IfbGNILPxlrjw |

| Query**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|--------------|--------|----|------------------------|---------|
| username | string | 是 | The username of worker | qsw |

详细说明：

This interface is used to find worker's information through his username.Usually,this interface is used after a worker log in the system.

workerFindById

[在线测试](#) [在线浏览](#)

请求方式：GET

请求地址：<http://localhost:8880/worker/find-by-id>

| Query**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|--------------|---------|----|-----------------------------------|---------|
| id | integer | 是 | The id of the worker(primary key) | 1 |

详细说明:

This interface is used to find worker's information through worker's id.

taskDataFind

[在线测试](#) [在线浏览](#)

请求方式: GET

请求地址: <http://localhost:8080/taskData/find>

| Header**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|---------------|--------|----|-------------------|---|
| X_Auth-Token | string | 是 | the token of user | eyJhbGciOiJIUzUxMiJ9.eyJzdWIiOiJnb29kX2RheSIsImNyZWVhbnQiOiJlNDIxNjgzNTk0MDgslmV4cCl6MTU0Mjc3MzE1OX0.PfbnTW-_p3qMWYcq0cnX9clIWGmj6QXS9T8Ss694PaGqPDcee5_rK1JeNp5_vq6SXOF8lwX7zPngYE8ha2ygxQ |

| Query**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|--------------|---------|----|---|---------|
| id | integer | 是 | the id of task whose information need to be found | 6 |

详细说明:

The interface is used to find a task's history.

taskDelete

[在线测试](#) [在线浏览](#)

请求方式: DELETE

请求地址: <http://localhost:8080/task/delete>

| Body**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|-------------|---------|----|------------------------------|---------|
| id | integer | 是 | the id of task to be deleted | 1 |

详细说明:

The interface is used to delete a task, the id of it required to be provided.

taskFindByReward

[在线测试](#) [在线浏览](#)

请求方式: GET

请求地址: <http://localhost:8080/task/find-by-reward>

| Header**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|---------------|--------|----|-------------------|---|
| X_Auth-Token | string | 是 | the token of user | eyJhbGciOiJIUzUxMiJ9.eyJzdWIiOiJnb29kX2RheSIsImNyZWZlbnQiOiJlNDIxNjgzNTk0MDgslmV4cCI6MTU0Mjc3MzE1OX0.PfbnTW-_p3qMWYcq0cnX9clIWGmj6QXS9T8Ss694PaGqPDcee5_rK1JeNp5_vq6SXOF8lwX7zPngYE8ha2ygxQ |

| Query**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|--------------|---------|----|--|---------|
| lowest | integer | 是 | the lowest reward of user's expectation | 20 |
| highest | integer | 是 | the highest reward of user's expectation | 50 |

详细说明：

The interface is used to find tasks whose reward is in the range of user's expectation.

taskFindByRequesterId

[在线测试](#) [在线浏览](#)

请求方式：GET

请求地址：<http://localhost:8880/task/find-by-requester-id>

| Header**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|---------------|--------|----|-------------------|---|
| X_Auth-Token | string | 是 | the token of user | eyJhbGciOiJIUzUxMiJ9.eyJzdWIiOiJnb29kX2RheSIsImNyZWZlbnQiOiJlNDIxNjgzNTk0MDgslmV4cCI6MTU0Mjc3MzE1OX0.PfbnTW-_p3qMWYcq0cnX9clIWGmj6QXS9T8Ss694PaGqPDcee5_rK1JeNp5_vq6SXOF8lwX7zPngYE8ha2ygxQ |

| Query**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|--------------|---------|----|---|---------|
| requesterid | integer | 是 | requester's id whose tasks need to be found | 1 |

详细说明：

The interface is used to find tasks by the requester's id.

taskFindByName

[在线测试](#) [在线浏览](#)

请求方式：GET

请求地址：<http://localhost:8880/task/find-by-name>

| Header**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|---------------|--------|----|-------------------|---|
| X_Auth-Token | string | 是 | the token of user | eyJhbGciOiJIUzUxMiJ9.eyJzdWIiOiJnb29kX2RheSIsImNyZWZlbnQiOiJlNDIxNjgzNTk0MDgslmV4cCI6MTU0Mjc3MzE1OX0.PfbnTW-_p3qMWYcq0cnX9clIWGmj6QXS9T8Ss694PaGqPDcee5_rK1JeNp5_vq6SXOF8lwX7zPngYE8ha2ygxQ |

| Query**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|--------------|--------|----|------------------------------|----------|
| name | string | 是 | the name of task to be found | classify |

详细说明：

The interface is used to find tasks by name.

taskFindById

[在线测试](#) [在线浏览](#)

请求方式：GET

请求地址：<http://localhost:8880/task/find-by-id>

| Query**参数名** | 类型 | 必需 | 描述 | 示例 e.g. |
|--------------|---------|----|---------------------------|---------|
| id | integer | 是 | the id of task to be find | 6 |

详细说明：

This interface is used to find a task by its id.

附录

环境变量

dev

| 变量名 | 变量值 |
|------|----------------|
| host | localhost:8080 |