数据库设计

Company表

company表是存储公司基本信息的。

公司基本信息			
中文描述	*类型*	*约束*	*字段名*
公司名称	varchar	主键	company_name
密码	varchar	必填	password

department表

department表是存储公司部门基本信息的。

部门招聘情况和基本信息			
中文描述	*类型*	*约束*	*字段名*
公司名称	varchar	联合主键	company_name
部门名称	varchar	联合主键	department_name
计划招聘人数	Int	必填	plan_amount
已招聘人数	Int	必填	already_amount
招聘要求	varchar	必填	requirements

Staff表

Staff表是存储在职人员基本信息的。

在职人员的工作情况			
中文描述	*类型*	*约束 *	*字段名*
身份证号	varchar	主键	id_number
姓名	varchar	必填	name
密码	Varchar	必填	passward
性别	Varchar	必填	sex
联系电话	varchar	必填	telephone
邮箱	varchar	必填	email
籍贯	varchar	必填	native_place
学历	varchar	必填	educational
毕业学校	varchar	必填	graduate_school
所在公司	varchar	必填	company_name
所在部门	varchar	必填	department_name
入职时间	Date	必填	entry_time
薪资	Int	必填	Salary
是否录用 0表示未录用,1表示已录用,2表示实习 期	int	必填	employ
技能特长	varchar	必填	technique
自我评价	varchar	必填	evaluation

Reward_punish

Reward_punish表是用来存储员工的奖惩信息的

在职人员的奖惩情况			
中文描述	*类型*	*约束*	*字段名*
身份证号	varchar	必填	id_number
编号	varchar	主键	Id
1表示奖励,0表示惩罚	int	必填	Sign
表示收到奖励或惩罚的时间	Date	必填	Time
奖励或惩罚原因	Varchar	必填	reason

Project

Project表是用来存储员工的项目经历的

在职人员的项目情况			
中文描述	*类型*	*约束*	*字段名*
负责人身份证号	varchar	必填	id_number
编号	varchar	主键	Id
项目成员	Varchar	必填	participant
项目开始时间	Date	必填	start_time
是否已经完成0表示未完成,1表示已完成	varchar	必填	status
项目内容	Varchar	必填	content
项目总结及评价	Varchar	必填	summary

interview

面试管理			
中文描述	*类型*	*约束*	*字段名*
身份证	Varchar		id_number
姓名	varchar		name
毕业院校	varchar		graduate_school
学历	varchar		educational
€业	varchar		major
求职意向	varchar		intention
求职公司	varchar		company
求职部门	varchar		department
状态 0表示未面试,1表示已经面试过了	Int		status
面试评价,没有则不填	varchar		evaluation

trial

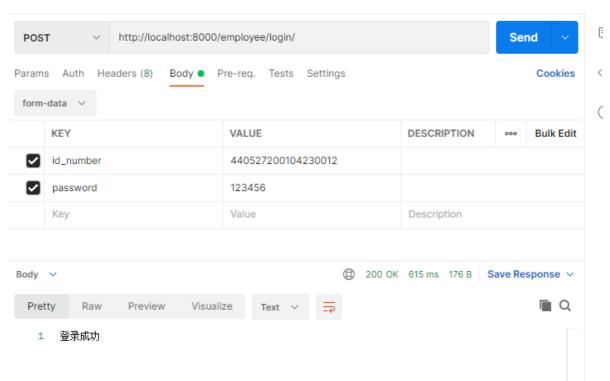
试用期管理			
中文描述	*类型*	*约束*	*字段名*
身份证	Varchar		Id_number
姓名	varchar		name
试用期期限	varchar		term
开始时间	Date		start_time
结束时间	Date		end_time
试用职位	varchar		position
试用公司	varchar		company
试用部门	varchar		department
状态 0表示未通过试用期,1表示正在试用期中	Int		status
试用期评价,没有则不填	varchar		evaluation

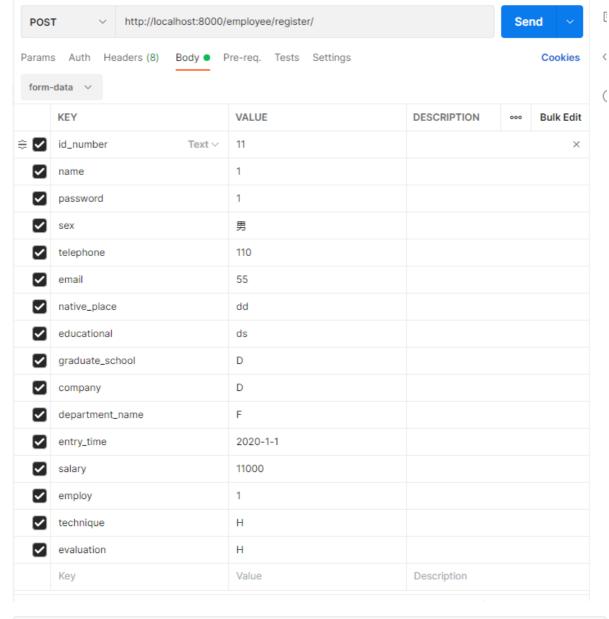
功能接口

员工

注册, 登录, 退出

119.23.241.76:8000/employee/login 登录Post请求

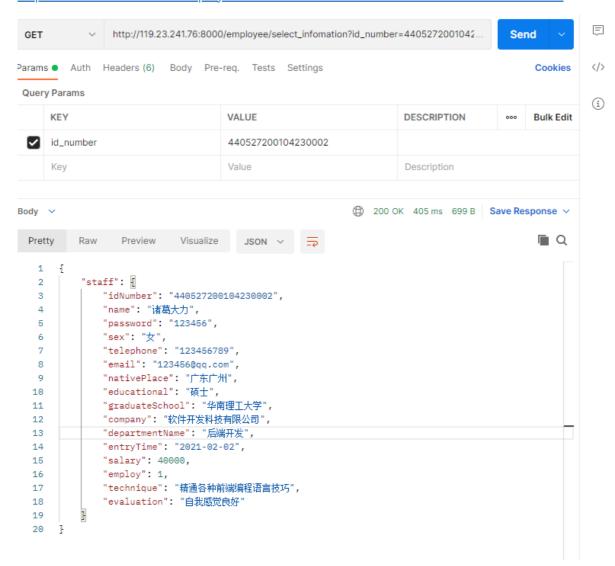




```
{
    "msg": "注册失败,账户已经存在",
    "staff": {
        "idNumber": "11",
        "name": "1",
        "password": "1",
        "sex": "男",
        "telephone": "110",
        "email": "55",
        "nativePlace": "dd",
        "educational": "ds",
        "graduateSchool": "D",
        "company": "D",
        "departmentName": "F",
        "entryTime": "2020-01-01",
        "salary": 11000,
        "employ": 1,
        "technique": "H",
        "evaluation": "H"
    "token": "08551fa6e97845c6ab78bddb311f990c"
}
```

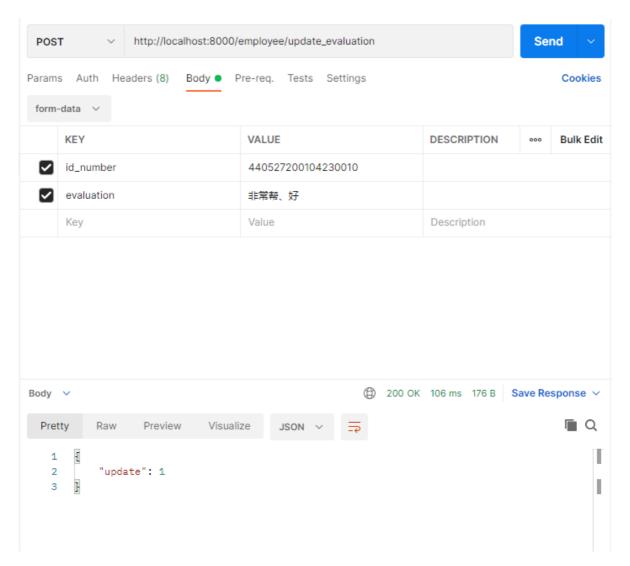
查看个人简历 (个人信息, 奖惩情况, 薪资情况)

http://119.23.241.76:8000/employee/select infomation?id number=440527200104230002



添加自己在人才信息展示的自我评价

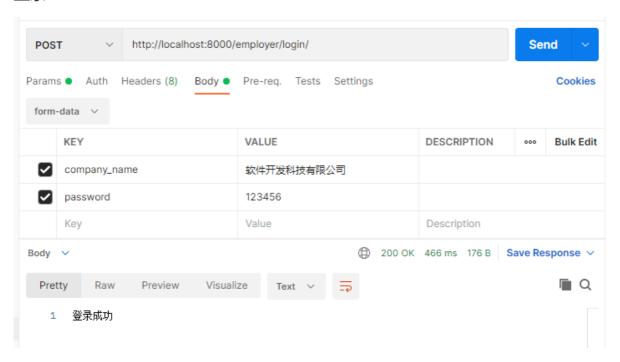
http://119.23.241.76:8000/employee/update evaluation



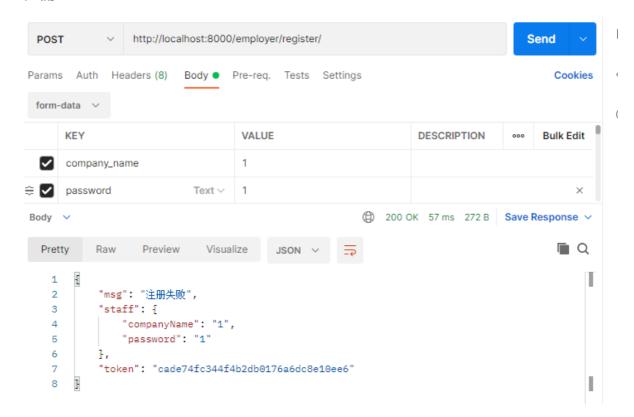
管理者

注册, 登录, 退出

受录



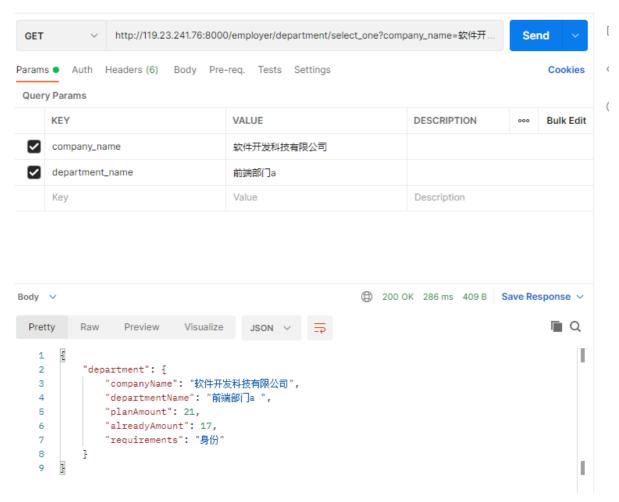
注册



部门管理

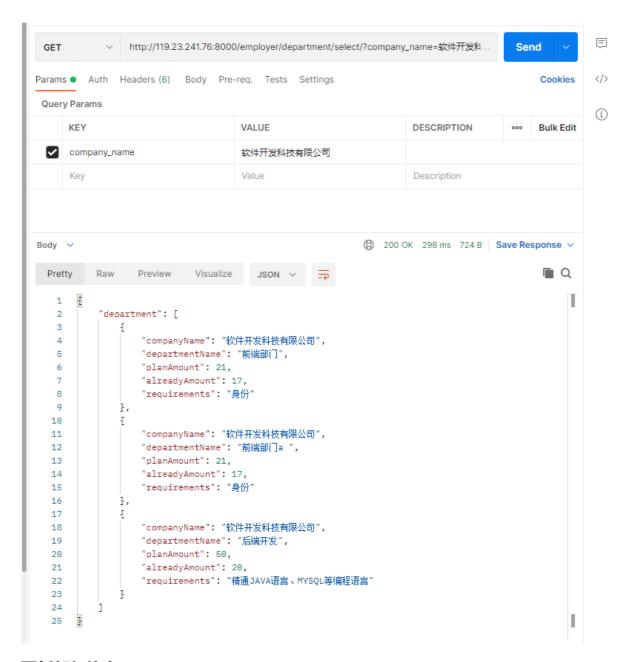
查看单个部门信息

http://119.23.241.76:8000/employer/department/select_one?company_name=软件开发科技有限公司&department_name=前端部门a

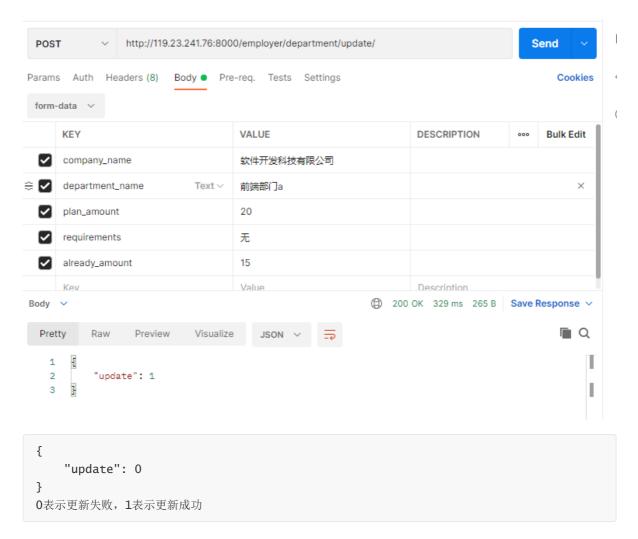


查看所有部门信息

http://119.23.241.76:8000/employer/department/select/?company_name=软件开发科技有限公司



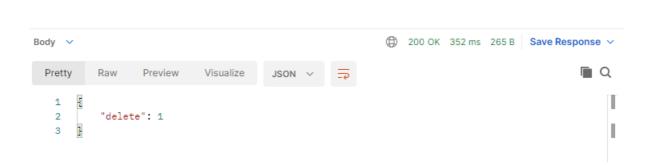
更新部门信息



删除部门信息

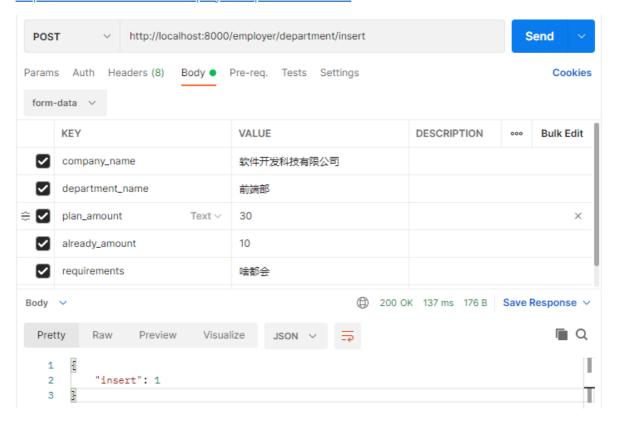
http://119.23.241.76:8000/employer/department/delete?company_name=软件开发设计有限公司 &department_name=软件开发





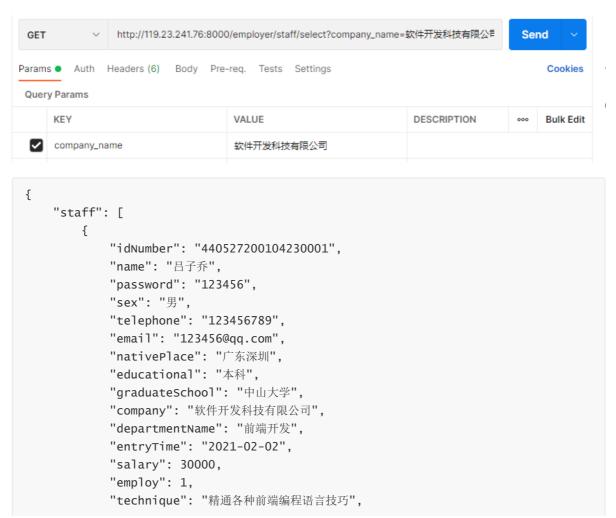
插入部门信息

http://119.23.241.76:8000/employer/department/insert



员工管理

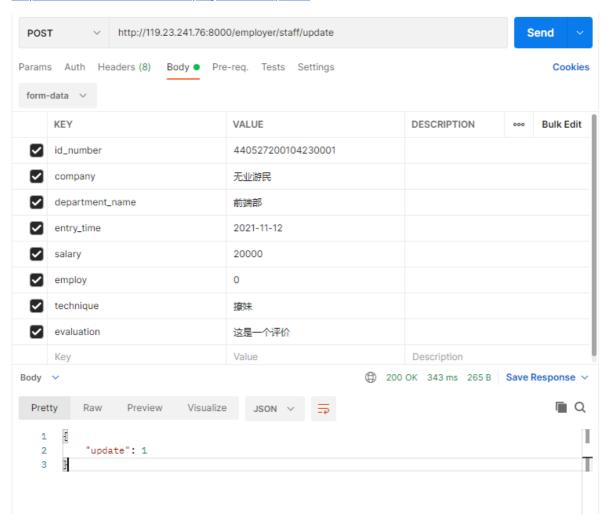
查询本公司所有员工



```
"evaluation": "自我感觉良好"
       },
       {
           "idNumber": "440527200104230002",
           "name": "诸葛大力",
           "password": "123456",
           "sex": "女",
           "telephone": "123456789",
           "email": "123456@qq.com",
           "nativePlace": "广东广州",
           "educational": "硕士",
           "graduateSchool": "华南理工大学",
           "company": "软件开发科技有限公司",
           "departmentName": "后端开发",
           "entryTime": "2021-02-02",
           "salary": 40000,
           "employ": 1,
           "technique": "精通各种前端编程语言技巧",
           "evaluation": "自我感觉良好"
       }
   ]
}
```

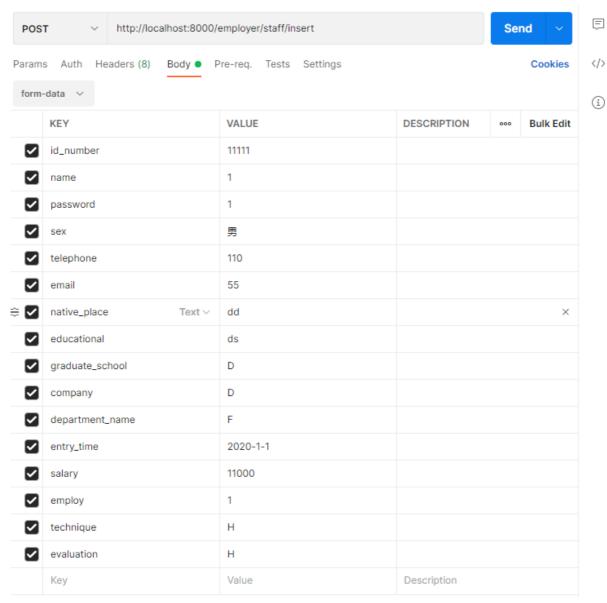
更新员工信息

http://119.23.241.76:8000/employer/staff/update



插入员工信息

http://119.23.241.76:8000/employer/staff/insert

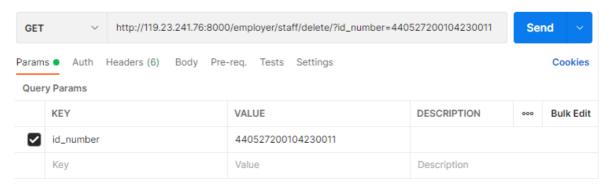


```
{
    "msg": "注册失败,账户已经存在",
    "staff": {
        "idNumber": "11111",
        "name": "1",
        "password": "1",
        "sex": "男",
        "telephone": "110",
        "email": "55",
        "nativePlace": "dd",
        "educational": "ds",
        "graduateSchool": "D",
        "company": "D",
        "departmentName": "F",
        "entryTime": "2020-01-01",
        "salary": 11000,
        "employ": 1,
        "technique": "H",
        "evaluation": "H"
   },
```

```
"token": "5f461ce13ae54c028e198e7296df6f76"
}
插入成功既为注册成功
```

删除员工信息

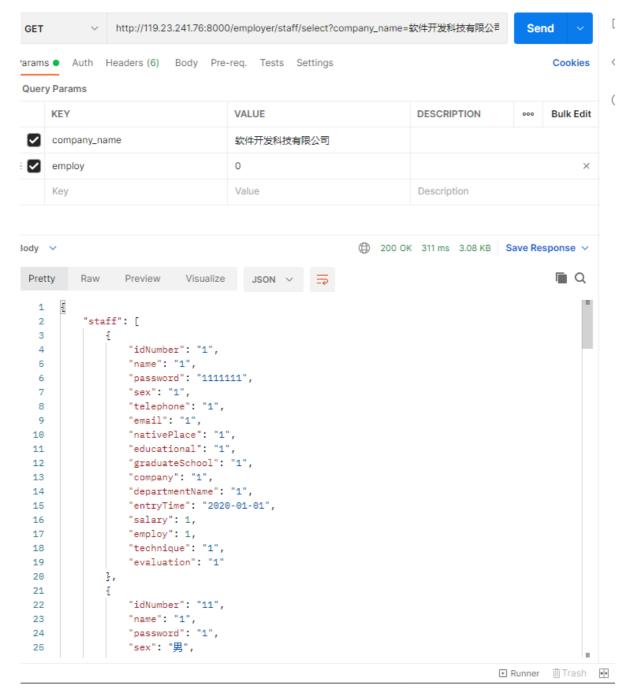
http://119.23.241.76:8000/employer/staff/delete/?id number=440527200104230011



人才管理

根据employ字段查看员工信息

http://119.23.241.76:8000/employer/staff/select?company_name=软件开发科技有限公司 & employ=0



奖惩管理

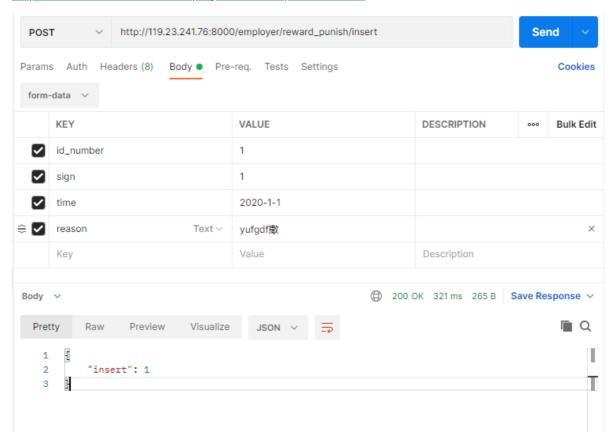
http://119.23.241.76:8000/employer/reward_punish/select?company_name=软件开发科技有限公司 &sign=1



```
"one_people": [
              {
                  "idNumber": "440527200104230002",
                  "id": 2,
                  "sign": 1,
                  "time": "2021-03-02",
                   "reason": "为公司拉了一单业务,奖励一根棒棒糖"
              }
           "name": "诸葛大力"
       },
       {
           "one_people": [
               {
                   "idNumber": "440527200104230003",
                  "id": 3,
                   "sign": 1,
                  "time": "2021-03-02",
                  "reason": "为公司拉了一单业务,奖励一根棒棒糖"
              }
           ],
           "name": "曾小贤"
       }
   ]
}
```

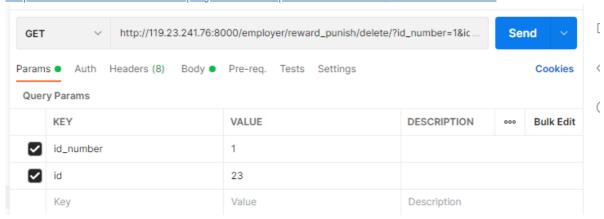
添加奖惩信息

http://119.23.241.76:8000/employer/reward_punish/insert



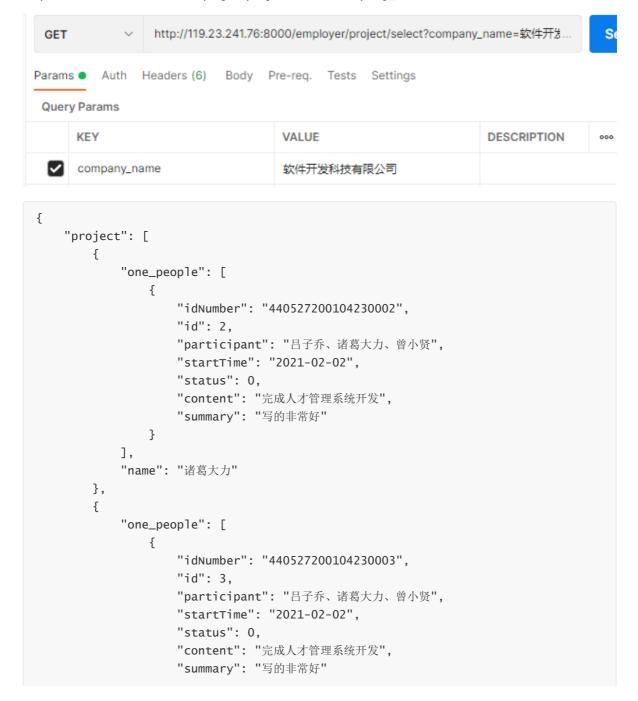
删除奖惩信息

http://119.23.241.76:8000/employer/reward_punish/delete/?id_number=1&id=23



查看公司项目信息

http://119.23.241.76:8000/employer/project/select?company_name=软件开发科技有限公司



```
],
            "name": "曾小贤"
        },
        {
            "one_people": [],
            "name": "张伟"
        },
        {
            "one_people": [],
            "name": "胡一菲"
        },
        {
            "one_people": [],
            "name": "大师兄"
        },
        {
            "one_people": [],
            "name": "悠悠"
        },
        {
            "one_people": [],
            "name": "美嘉"
        },
        {
            "one_people": [],
            "name": "小龙"
        }
   ]
}
```

查看部门项目信息

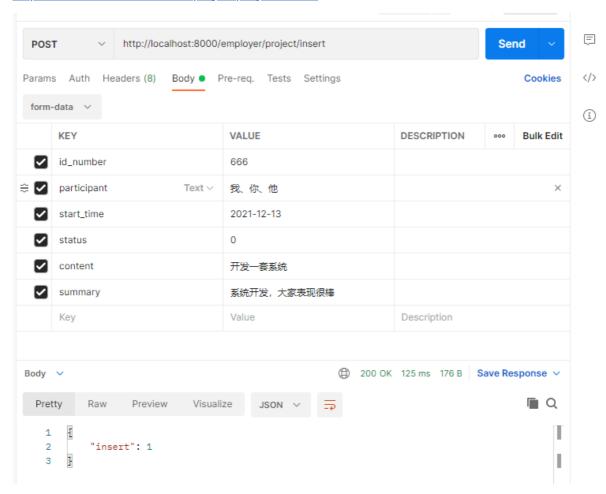
http://119.23.241.76:8000/employer/project/select?company_name=软件开发科技有限公司 &department_name=后台开发



```
"participant": "吕子乔、诸葛大力、曾小贤",
                  "startTime": "2021-02-02",
                  "status": 0,
                  "content": "完成人才管理系统开发",
                  "summary": "写的非常好"
              }
           ],
           "name": "诸葛大力"
       },
       {
           "one_people": [],
           "name": "胡一菲"
       },
       {
           "one_people": [],
           "name": "美嘉"
   ]
}
```

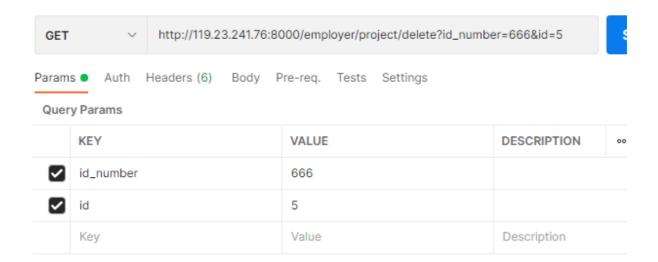
添加项目信息

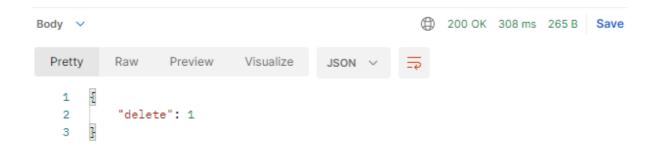
http://119.23.241.76:8000/employer/project/insert



删除项目信息

http://119.23.241.76:8000/employer/project/delete?id number=666&id=5





招聘管理

简历管理

查看有那些人来公司投递了简历

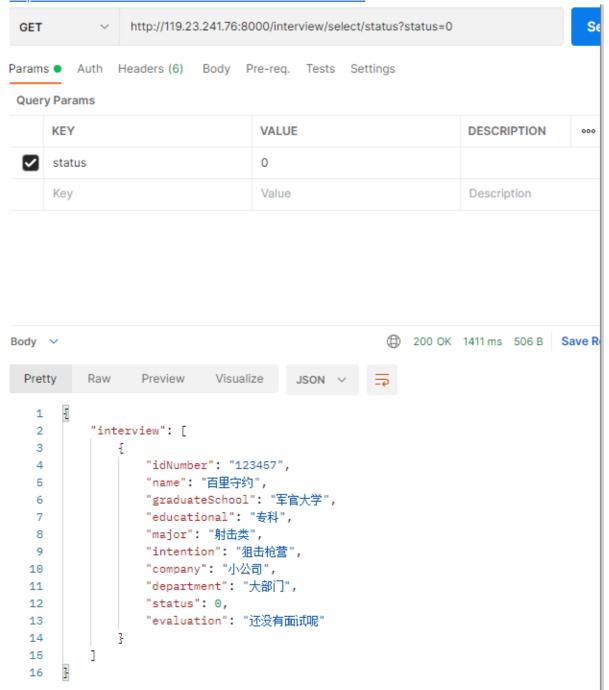
http://119.23.241.76:8000/interview/select

```
http://localhost:8000/interview/select
 GET
Params Authorization Headers (6) Body Pre-request Script Tests Settings
Body Cookies Headers (8) Test Results
  Pretty Raw Preview Visualize JSON V
   1
      £
           "interview": [
   2
   3
                  "idNumber": "123456",
                  "name": "鲁班七号",
"graduateSchool": "广东工业大学",
   5
   6
                  "educational": "本科",
                  "major": "土木工程",
   8
                  "intention": "建房子",
   9
                 "company": "小公司",
   10
                  "department": "大部门",
  11
                  "status": 1,
  12
                  "evaluation": "面试结果非常好"
  13
  14
              3,
  15
                  "idNumber": "123457",
  16
  17
                  "name": "百里守约",
                  "graduateSchool": "军官大学",
  18
                  "educational": "专科",
  19
  20
                  "major": "射击类",
                 "intention": "狙击枪营",
  21
                  "company": "小公司",
  22
  23
                  "department": "大部门",
                  "status": 0,
  24
                  "evaluation": "还没有面试呢"
  25
   26
  27
                  "idNumber": "123458",
  28
               "name": "王昭君",
"graduateSchool": "室雪冰城学院",
  29
  30
                  "educational": "专科",
  31
                  "major": "冰雪工程",
  32
  33
                  "intention": "冰雕营",
                  "company": "小公司",
  34
                  "department": "大部门",
  35
   36
                  "status": 1,
  37
                  "evaluation": "面试结果非常好"
```

面试管理

查看求职者的面试状态和评价

http://119.23.241.76:8000/interview/select/status?status=0



试用期管理

对通过面试的人查看试用期和在试用期期间的评价

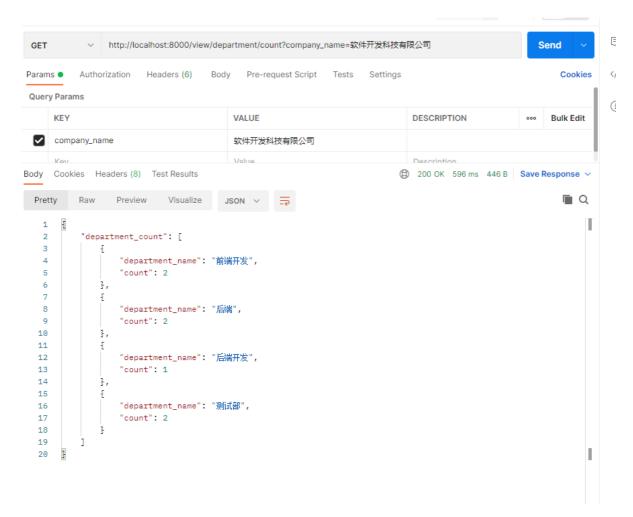
http://119.23.241.76:8000/trial/select

```
http://localhost:8000/trial/select
GET
Params Authorization Headers (6) Body Pre-request Script Tests Settings
3ody Cookies Headers (8) Test Results
 Pretty
          Raw Preview
                           Visualize JSON V
      £
  1
          "trials": [
  2
                  "idNumber": "123459",
  4
   5
                  "name": "庄周",
                 "term": "3个月",
   6
                 "startTime": "2020-02-05",
  8
                 "endTime": "2020-05-05",
                  "position": "划水师",
  9
  10
                 "company": "摸鱼厂",
                  "department": "摸鱼部",
  11
  12
                  "status": 1,
                  "evaluation": "这鱼摸得非常好"
  13
  14
              3,
  15
              £
                 "idNumber": "123460",
  16
  17
                 "name": "妲己",
                  "term": "3个月",
  18
                 "startTime": "2020-02-05",
  19
                 "endTime": "2020-05-05",
  20
                 "position": "划水师",
  21
                 "company": "摸鱼厂",
  22
                 "department": "摸鱼部",
  23
  24
                  "status": 0,
  25
                  "evaluation": "这鱼摸得非常好"
  26
              3,
  27
                  "idNumber": "123461",
  28
  29
                  "name": "兰陵王",
                 "term": "3个月",
  30
  31
                 "startTime": "2020-02-05",
                 "endTime": "2020-05-05",
  32
                  "position": "划水师",
  33
                 "company": "摸鱼厂",
                  "department": "摸鱼部",
  35
  36
                  "status": 1,
                  "evaluation": "这鱼摸得非常好"
  37
```

可视化管理

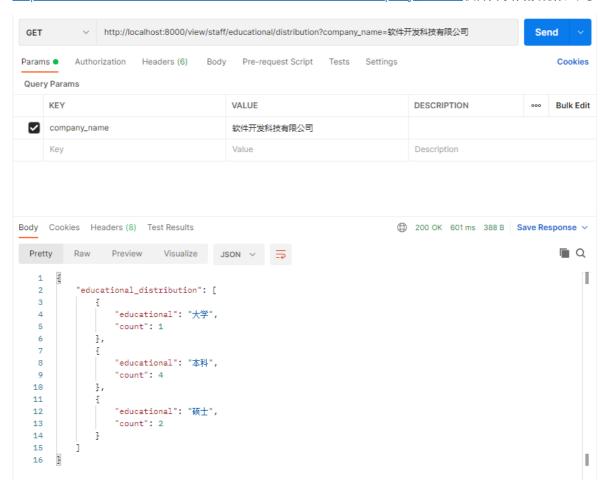
查看公司各个部门的人数

http://localhost:8000/view/department/count?company_name=软件开发科技有限公司



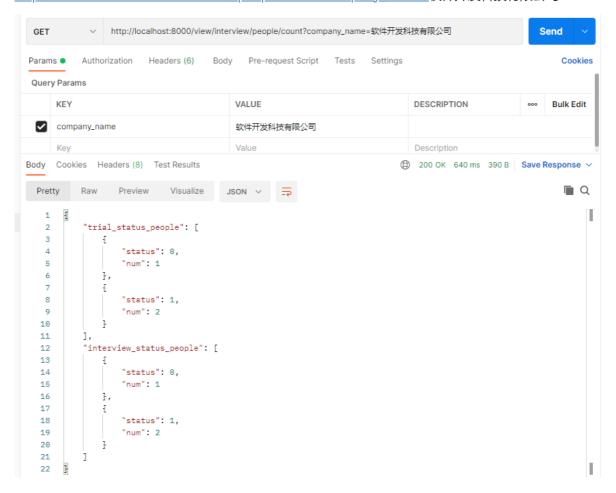
查看员工教育分布

http://localhost:8000/view/staff/educational/distribution?company name=软件开发科技有限公司



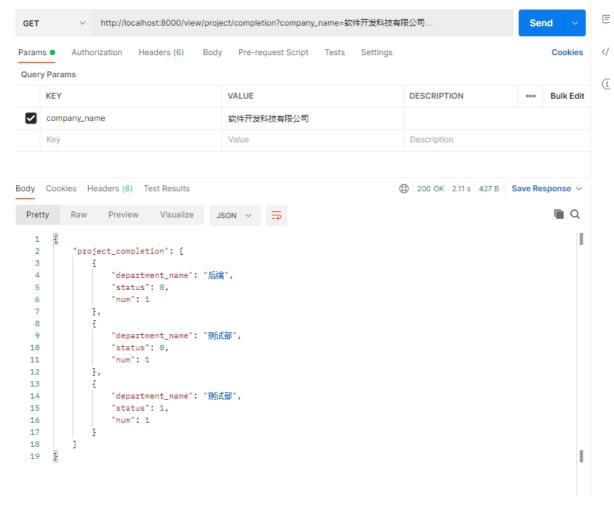
招聘各个阶段 的人数

http://localhost:8000/view/interview/people/count?company_name=软件开发科技有限公司



公司各个部门的项目完成情况

http://localhost:8000/view/project/completion?company_name=软件开发科技有限公司



公司员工性别占比

http://localhost:8000/view/staff/sex?company_name=软件开发科技有限公司

