# 班表安排網站

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# 系統發想

**1** 想做與期中不同的主題

**2** 校內工讀、校外打工的經驗

# 使用框架

# 網站架構

## mainpage

```python
def mainpage(request):
    time_list=time.objects.all()
    staff_list=staff.objects.all()
```

## insertpage

```python
def insert(request):
    time_list=time.objects.all()
    staff_list=staff.objects.all()
```

## searchpage

```python
def search(request):

    staff_list=staff.objects.all
    stid = None
    #確認員工存不存在
    if request.method=='POST':
        for getstaff in staff_li
            a=str(getstaff.cId)
```

## editpage

```python
def edit(request,pk):
    edt=time.objects.get(id=pk
    time_list=time.objects.all
    times = None
    week = None
    if request.method == "POST
        match request.POST.get
            case '1':
```

## deletepage

```python
def delete(request,pk):
    dele=time.objects.get(id=pk)

    if request.method == "POST":
        dele.delete()
        return redirect('/search
```

# 運用到的函示

設定於views.py內

## 顯示班表

```python
def mainpage(request):
    time_list=time.objects.all()
    staff_list=staff.objects.all()

    #顯示班表
    time_week1=time.objects.filter(week='Mon.')
    time_week2=time.objects.filter(week='Tue.')
    time_week3=time.objects.filter(week='Wed.')
    time_week4=time.objects.filter(week='Thu.')
    time_week5=time.objects.filter(week='Fri.')
    time_week6=time.objects.filter(week='Sat.')
    time_week7=time.objects.filter(week='Sun.')

    #先弄成集合，再丟到網頁
```

## 排班功能

```python
#確認員工存不存在
    for getstaff in staff_list:
        a=str(getstaff.cId)
        if a == request.POST.get('id'):#撞到
            stid=request.POST.get('id')


    #確認有沒有被拿走
    for gettime in time_list:
        if gettime.time == request.POST.get
            times='1'
            week='1'



    #create
    if not(stid == None):
```

# 網址與函式的對照

設定於urls.py內

```python
urlpatterns = [
    path('admin/', admin.site.urls),
    path('', mainpage),#連到view
    path('insert/', insert),
    path('search/', search,name="search"),
    path('edit/<str:pk>', edit,name="edit"),
    path('delete/<str:pk>', delete,name="delete")
]
```

# 資料庫架構

設定於model.py內

**1**

## 員工資料表

```python
class staff(models.Model):
    cId = models.AutoField(primary_key=True)
    cName = models.CharField(max_length=20, null=False)
    sexes = (('M', 'Male'), ('F', 'Female'))
    cSex = models.CharField(choices=sexes,max_length=2,  null=False)
    cBirthday = models.DateField(null=False)
    cEmail = models.EmailField(max_length=100, blank=True, default='')
    cPhone = models.CharField(max_length=50, blank=True, default='')
    cAdd = models.CharField(max_length=255, blank=True, default='')
```

**2**

## 時間資料表

```python
class time(models.Model):
    weeks = (('Mon.', 'Monday'), ('Tue.', 'Tuesday'), ('Wed.', 'Wednesd
    week = models.CharField(choices=weeks,max_length=15, null=False)
    times = (('1','8:10-9:00'), ('2','9:10-10:00'), ('3','10:20-11:10')
    time = models.CharField(choices=times,max_length=15, null=False)
    stId = models.ForeignKey(to = "staff",to_field= "cId", on_delete=mo
```

# 美化網站

設定於mystyle.css內

```
1   html, body{
2       margin: 0;
3       padding: 0;
4   }
5   h1{
6       text-align: center;
7   }
8   tr{
9       width: 150px;
10      height: 30px;
11  }
12  th{
13      width: 150px;
14      height: 30px;
15  }
16  td{
17      width: 150px;
18      height: 30px;
19      text-align: center;
```

# 分工

| 網站建立 | 李家瑜 |
|---|---|
| | 林佳蓁 |
| | 鄭佳雯 |
| 簡報&報告 | 羅暐程 |