django exercise 01 survay

▼ 1. survay web pages create steps

1. create folder

2. vscode open folder

3. zsh terminal : python -m virtualenv venv_django

4. z.ter : source venv_django/bin/activate

5. z.ter : pip install django

6. z.ter : django-admin startproject django_models_exercises .

7. create folders and index file :

   templeates/survay-html/index.html

8. index.html file insert

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Survay</title>
</head>
<body>
    <h1>Survay Home</h1>
    {% csrf_token %}
    {% for survay in survay_list %}
        <div>{{survay.id}}. age:{{survay.age}}, sex:{{survay.sex}}, residence:{{survay.residence}}
            <a href="/survay_html/{{survay.id}}/read/">Result survay</a>
        </div>
    {% endfor %}

    <a href="/survay_urls/create/">Start survay</a>

</body>
</html>
```

9. create "create.html" write

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Survay Create</title>
</head>
<body>
    <form action="/survay_urls/create/" method="post">
        {% csrf_token %}
        <table
            border="0"
            width="50%"
            height="200"
            cellspacing="1">
            <caption><h1>Survay Create</h1></caption>
            <tbody>
                <tr align="center" bgcolor="white">
                    <th>Age</th>
                        <td align="left"><input type="text" name="age" value="age" /></td>
                </tr>
                <tr align="center" bgcolor="white">
                    <th>Sex</th>
                        <td align="left"><input type="text" name="sex" value="sex" /></td>
                </tr>
```

```
                <br>
                <tr align="center" bgcolor="white">
                    <th>residence</th>
                        <td align="left"><input type="text" name="residence" value="residence" /></td>
                </tr>
                <br>
                <tr align="center" bgcolor="white">
                    <th>residential suggestions</th>
                        <td align="left"><textarea name="residential_suggestions">Residential Suggestions Enter text here...</text
                </tr>

                <tr align="center" bgcolor="white"></tr>                    <tr>
                    <th><br></th>
                        <td align="left"><input type="submit" value="제출" /></td>
                </tr>
            </tbody>
        </table>
    </form><br>
    <a href="/survay_urls/home/">Go Back</a>
</body>
</html>
```

10. project <u>settings.py</u> insert

```
# Application definition

INSTALLED_APPS = [
    'django.contrib.admin',
    'django.contrib.auth',
    'django.contrib.contenttypes',
    'django.contrib.sessions',
    'django.contrib.messages',
    'django.contrib.staticfiles',
    "polls",
]
```

11. project <u>urls.py</u> insert

```
from django.contrib import admin
from django.urls import path, include

urlpatterns = [
    path('admin/', admin.site.urls),
    path("survay_urls/", include("polls.survay_urls")),
]
```

12. app survay_urls.py create write

```
from django.urls import path
from polls import views

urlpatterns = [
    path("home/", views.survay_home),
    path("create/", views.survay_create),

]
```

14. app <u>models.py</u> insert

```
from django.db import models

# Create your models here.

class Article(models.Model):
    age = models.CharField(max_length=128)
    sex = models.CharField(max_length=128)
    residence = models.CharField(max_length=128)
```

```
        residential_suggestions = models.TextField()
        created_at = models.DateTimeField(auto_now_add=True)
        updated_at = models.DateTimeField(auto_now=True)
```

15. app <u>views.py</u> insert

```
from django.shortcuts import render, redirect
from polls.models import Article
# Create your views here.

def survay_home(request):
    survay_all = Article.object.all().order_by("-pk")
    context = {
        "survay":survay_all
    }
    return render(
        request,
        "survay_html/index.html",
        context,
    )

def survay_create(request):
    if request.method == "POST":
        new_survay = Article()
        new_survay.age = request.POST.get("age")
        new_survay.sex = request.POST.get("sex")
        new_survay.residence = request.POST.get("residence")
        new_survay.residential_suggestions = request.POST.get("residential_suggestions")
        new_survay.save()

        return redirect("/survay_urls/home")

    elif request.method == "GET":
        return render(request, "survay_html/create.html")
```

16. add <u>admin.py</u> insert

```
from django.contrib import admin
from blog import models

admin.site.register(models.Article)
```

17. cmd + shift + p

18. > sqlite3:open database (enter)

19. db.sqlite3 (enter)

17. terminal.zsh : python <u>manage.py</u> makemigrations

18. terminal.zsh : python <u>manage.py</u> migrate

22. admin account enabled

    a. terminal.zsh : python <u>manage.py</u> createsuperuser

    b. username / email / password / password (again)