
: 1.0
: 22.10.2025
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1.

() "

Django

- **Backend:** Django 5.2.7, Python 3.13
- **Database:** SQLite (██████████), PostgreSQL (██████████)
- **Frontend:** HTML5, CSS3, JavaScript, daisyUI 5
- **UI:** Tailwind CSS 4
- **Security:** Django Security Framework

Backend	Django 5.2.7, Python 3.13
Database	SQLite (██████████), PostgreSQL (██████████)
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UI	Tailwind CSS 4
Security	Django Security Framework

2.

MVC (Model-View-Controller)
Django Framework.

1. (Models) ()

- Operator:
- Client:
- Service:
- ServiceCategory:
- BankCard:
- Transaction:

2. (Views)

- home:
- banking_services:
- client_dashboard:
- operator1_dashboard: #1
- operator2_dashboard: #2

3. (Templates)

- base.html:
- index.html:
- dashboard.html:
- banking_services.html:

3.

Operator ()

```
class Operator(models.Model): user = models.OneToOneField(User,  
on_delete=models.CASCADE) operator_type = models.CharField(max_length=50, choices=[  
('client_service', '客户服 #1 (客户服 #1)'),  
('security', '安全 #2 (安全 #2)'), ], ) email  
= models.EmailField() is_active = models.BooleanField(default=True) created_at =  
models.DateTimeField(auto_now_add=True)
```

:

Client ()

```
class Client(models.Model): user = models.OneToOneField(User,  
on_delete=models.CASCADE) client_id = models.CharField(max_length=20, unique=True)  
full_name = models.CharField(max_length=200) email = models.EmailField() phone =  
models.CharField(max_length=20, unique=True) is_active =  
models.BooleanField(default=True) primary_card = models.ForeignKey('BankCard',  
on_delete=models.SET_NULL, null=True, blank=True) created_by =  
models.ForeignKey(Operator, on_delete=models.SET_NULL, null=True, blank=True)  
created_at = models.DateTimeField(auto_now_add=True)
```

:

5.

1. SQL-

banking_services

```
: dbo/views.py,          banking_services
:

# ████: ████ ████ ████ ████ ████ ████ if q:
where_clauses.append(f"(s.name LIKE '%{q}%' OR s.description LIKE '%{q}%')") if
category_name: where_clauses.append(f"c.name = '{category_name}'")

:
-- ████: ' OR '1'='1' --
-- ████: '; DROP TABLE dbo_service; --
```

2. XSS ServiceRequest

```
service_description : dbo/models.py,      service_description :
                     ServiceRequest           :
                     ,                         JavaScript .
```

```
:
alert('XSS Attack!')
```

6.

- Python 3.13+
- Django 5.2.7
- PostgreSQL ()
- Node.js ()

1. : git clone
2. : python -m venv venv
3. : pip install -r requirements.txt
4. : python manage.py migrate
5. : python manage.py createsuperuser
6. - : python init_data.py
7. : python manage.py runserver

