

파월프 HW #01 forms+models

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Left Screenshot (127.0.0.1:8000):

학생 목록

이름	학과	학번
유수빈	컴퓨터공학과	20220447
김철수	기계공학과	20221111
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Right Screenshot (127.0.0.1:8000/add/):

학생 정보 입력

이름:

학과:

학번:

(1) models.py

```
from django.db import models

class Student(models.Model):
    name = models.CharField(max_length=100)
    department = models.CharField(max_length=100)
    student_id = models.CharField(max_length=13, unique=True)

    #유수빈(20220447)

    def __str__(self):
        return f"{self.name} ({self.student_id})"
```

(2) forms.py

```
from django import forms
from .models import Student

class StudentForm(forms.ModelForm):
    class Meta:
        model = Student
        fields = ['name', 'department', 'student_id']
        labels = {
            'name' : '이름',
            'department' : '학과',
            'student_id' : '학번',
        }
```

(3) index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>DuksungID</title>
</head>
<body>
    <h1>학생 목록</h1>
    <table>
        <tr>
            <th>이름</th>
            <th>학과</th>
            <th>학번</th>
        </tr>
        {% for s in students %}<tbody>
```

```

<tr>
    <td>{{ s.name }} </td>
    <td>{{ s.department }} </td>
    <td>{{ s.student_id }} </td>
</tr>
    {% empty %}
<tr>
    <td colspan="3">No Data</td>
</tr>
    {% endfor %}

</table>
</body>
</html>

```

(4) add.html

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>학생 입력</title>
</head>
<body>
    <h2>학생 정보 입력</h2>
    <form method="post">
        {% csrf_token %}
        {{ form.as_p }}
        <button type="submit">등록</button>
    </body>
</html>

```

(5) settings.py 수정된 부분

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

(6) urls.py(프로젝트/앱)

```
#프로젝트 urls.py
from django.contrib import admin
from django.urls import path, include

urlpatterns = [
    path('admin/', admin.site.urls),
    path('', include('main.urls')),
]

#main 앱 urls.py
from django.urls import path
from . import views

urlpatterns = [
    path("", views.index),
    path('add/', views.add),
]
```