

Lesson - 7

Django forms

Inside of App

Create forms.py

from django import forms
from .models import Sessions

```
class SessionVerifyForm(forms.Form):  
    session-verify = forms.ModelChoiceField(queryset = Session.objects.all(),  
        label = "Select Session verify")
```

Teacher's Signature _____

Views.py (Inside of App)

```
from models import Session, State  
from forms import SessionVerifyForm
```

```
def session_state_view(request):
```

```
    state = None
```

```
    if request.method == 'POST':
```

```
        form = SessionVerifyForm(request.POST)
```

```
        if form.is_valid():
```

```
            session_verify = form.cleaned_data['session_verify']
```

```
            states = State.objects.filter(session_list=session_verify)
```

↓
Check this in model

```
    else:
```

```
        form = SessionVerifyForm()
```

```
    return render(request, 'page/session_state.html',  
                  {'states': states, 'form': form})
```


App rule (rule.py)

```
urlpatterns = [
    path('lesson-stone/', views.lesson_stone_view, name='lesson-stone'),
]
```

CREATE NEW HTML (Inside App)

```
{% extends "index-app.html" %}
```

```
{% block title %}
```

```
<h1> Hello </h1>
```

```
<form method="POST">
```

```
{% csrf_token %}
```

```
{% form.as_p %}
```

```
<button type="submit"> search stone </button>
```

```
</form>
```

```
{% if stones %}
```

```
<h2> Stones available </h2>
```

```
<ul>
```

```
{% for stone in stones %}
```

```
<li> {{ stone.name }} - {{ stone.location }} </li>
```

```
{% endfor %}
```

```
</ul>
```

```
{% endif %}
```

```
{% endblock %}
```

Teacher's Signature _____