

Project 5:

Online forms and take input from users -

as project five

```
django-admin startproject mywebsite ↵  
cd mywebsite/ ↵  
python manage.py migrate ↵  
python manage.py startapp videorequest ↵  
python manage.py runserver
```

mywebsite → settings.py
App
'videorequest'

mywebsite → urls.py
, include
urlpatterns = [
 path ---
 path ('videorequest/', include ('videorequest_urls'))
]

2) create this videorequest → urls.py file and copy into it

urls.py

```
from django.views  
(from django.urls import path  
urlpatterns = [
```

```
    path('', views.index, name='index'),
```

```
    path('voforum/', views.voforum, name='voforum')
```

```
]
```

videorequest → models.py

```
from django.db import models
```

```
from django.utils import timezone
```

```
class Video(models.Model):
```

```
    videotitle = models.CharField(max_length=20)
```

```
    videocdesc = models.TextField()
```

```
    date_added = models.DateTimeField(default=timezone.now)
```

```
    def __str__(self):
```

```
        return self
```

```
        return 'Name: {0}, ID: {0}'.format(self.videotitle,  
                                             self.id)
```

(b) Registers our model into videorequest → admin.py :

admin.py

```
from django.contrib import admin
```

```
from models import Video → class name
```

```
admin.site.register(Video)
```

this time templates inside app

(4) creating views —

create folders under videorequest

videorequest → templates → videorequest

videorequest → static → videorequest

from voforms folder

copy .css file inside static → videorequest here

copy .html templates → videorequest here

(5) views

videorequest → views.py

from django.shortcuts import render

```
def index(request):  
    return render(request, 'videorequest/index.html')
```

```
def voform(request):  
    return render(request, 'videorequest/voform.html')
```


(6) Make migrations

```
python manage.py makemigrations videorequest
```

```
python manage.py migrate
```

```
python manage.py runserver
```

as home

/videorequest



as home page

(7) work on CSS part —

templates → videorequest → index.html

```
{% load static %}
```

:

```
<head>
```

```
<link href = "{% static 'videorequest/bootstrap.min.css' %}"  
rel = "stylesheet" >
```

```
<link href = "{% static 'videorequest/theme.css' %}" rel = "stylesheet" >
```

```
</head>
```

```
<body>
```

```
<div class = "jumbotron" >
```

```
<h1> video request page </h1>
```

```
<a type = "button" class = "btn btn-link" href = "% url 'vform' %>
```

```
enter your video request </a>
```

(8) vform.html (templates → videoquery)

```
% load static %>
```

```
<head>
```

```
<link href = "% static 'videoquery/ bootstrap.min.css' %>  
rel = "stylesheet">
```

```
<link href = "% static 'videoquery/ vform.css' %>  
rel = "stylesheet">
```

```
</head>
```

(9) create super user -

```
python manage.py createsuperuser ↵
```

username

email

password ↵

() python manage.py runserver ↵

Import models into database -

(11)

views.py

from django - - -

from .models import Video

class now

to reverse order

'- date added'

def index(request):

videos = Video.objects.order_by('date added')

context = {'video': videos}

return render(request, 'videoapp/index.html', context)

↑
new

(12)

index.html

{% for v in videos %}

<div class="page-header">

<h1> {{ v.^{video}time }} </h1>

</div>

<div class="well">

<p> {{ v.videoid }} </p>

</div>

{% endfor %}

(13) videoquest _{app} → forms.py

from django import forms

class videoForm (forms.Form):

videoname = forms.CharField(^{length}max_length=20,

~~widget=forms.Textfield~~

~~widget=forms.TextInput(attrs={~~

class: 'form-control',

placeholder: 'Name',

id: 'inputname'

})

video_desc = forms.CharField(widget=forms.Textarea({

class: 'form-control',

rows: 5,

id: 'comment',

placeholder: 'Comment'

})

all these form

videoform.html

(14) edit views.py now

from django.shortcuts import render, redirect
from forms import VideoForm

def voform(request):

if request.method == 'POST':

form = VideoForm(request.POST)

forms.py

if form.is_valid():

models.py

new_obj = Video(videotitle = request.POST['videotitle'],
videodesc = request.POST['videodesc'])

new_obj.save()

return redirect('index')

else:

form = VideoForm()

context = {'form': form}

return render(request, 'videoview/voform.html', context)

(15) vforms.html

(templates)