**Projeto Django**

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| **django-admin startproject mysite** | Comando para criar o projeto |
| **python manage.py startapp polls** | Comando para criar o app dentro do projeto. |
| **python manage.py runserver** | Comando para iniciar a aplicação. |
| [**python manage.py makemigrations**](https://docs.djangoproject.com/pt-br/1.11/ref/django-admin/#django-admin-makemigrations) | Para criar migrações para suas modificações |
| [**python manage.py migrate**](https://docs.djangoproject.com/pt-br/1.11/ref/django-admin/#django-admin-migrate) | Para aplicar suas modificações no banco de dados. |
| **python manage.py createsuperuser** | Criando um usuário administrador |

Passos para inicio do projeto:

1. Criar as pastas static e templates na raiz do aplicativo.
2. Dentro das pastas static e templates, criar uma nova pasta com o nome do aplicativo

Ex: mysite\polls\static\polls

mysite\polls\templates\polls

1. Na pasta static criar o arquivo style.css
2. Na pasta templates criar o index.html
3. Na Raiz do aplicativo (mysite\polls\) criar um arquivo urls.py

from django.conf.urls import url

from . import views

app\_name = 'polls'

urlpatterns = [

url(r'^$', views.IndexView.as\_view(), name='index'),

url(r'^(?P<pk>[0-9]+)/$', views.DetailView.as\_view(), name='detail'),

url(r'^(?P<pk>[0-9]+)/results/$', views.ResultsView.as\_view(), name='results'),

url(r'^(?P<question\_id>[0-9]+)/vote/$', views.vote, name='vote'),

]

1. Exemplo de arquivo models.py (tabelas)

from django.db import models

class Question(models.Model):

question\_text = models.CharField(max\_length=200)

pub\_date = models.DateTimeField('date published')

def \_\_str\_\_(self):

return self.question\_text

class Choice(models.Model):

question = models.ForeignKey(Question, on\_delete=models.CASCADE)

choice\_text = models.CharField(max\_length=200)

votes = models.IntegerField(default=0)

def \_\_str\_\_(self):

return self.choice\_text

1. Exemplo de arquivo views.py

from django.shortcuts import get\_object\_or\_404, render

from django.http import HttpResponseRedirect

from django.urls import reverse

from django.views import generic

from .models import Choice, Question

class IndexView(generic.ListView):

template\_name = 'polls/index.html'

context\_object\_name = 'latest\_question\_list'

def get\_queryset(self):

"""Return the last five published questions."""

return Question.objects.order\_by('-pub\_date')[:5]

class DetailView(generic.DetailView):

model = Question

template\_name = 'polls/detail.html'

class ResultsView(generic.DetailView):

model = Question

template\_name = 'polls/results.html'

1. Tornar a aplicação editável no Admin

from django.contrib import admin

from .models import Question

admin.site.register(Question)

1. Cadastrar o APP no projeto, INSTALLED\_APPS.

INSTALLED\_APPS = [

**'polls.apps.PollsConfig',**

'django.contrib.admin',

'django.contrib.auth',

'django.contrib.contenttypes',

'django.contrib.sessions',

'django.contrib.messages',

'django.contrib.staticfiles',

]

1. Referenciar o urls.py dentro do urls do projeto

from django.conf.urls import include, url

from django.contrib import admin

urlpatterns = [

**url(r'^notes/', include('notes.urls')),**

url(r'^admin/', admin.site.urls),

]