# 23/09 - 8° Aula

terça-feira, 23 de setembro de 2025 19:09

#### MODELO PARA PROJETO INTEGRADOR - Mange Tech

Plano de Ensino\_PROJI4\_REV1-CST.pdf

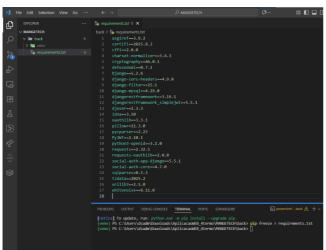
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(vemv) PS C:\Users\dsadm\Downloads\Aplicacao\kEB_4termo\WANGFEG(Hback> django-admin startproject mangetech .
(vemv) PS C:\Users\dsadm\Downloads\Aplicacao\kEB_4termo\WANGFEG(Hback> django-admin startapp app
(venv) PS C:\Users\dsadm\Downloads\Aplicacao\kEB_4termo\WANGFEG(Hback> django-admin startapp app
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(venv) PS C:\Users\dsadm\Downloads\AplicacaoWEB\_4termo\MANGETECH\back> django-admin startapp app

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O(verv) PS C:\Users\dsadm\Dounloads\Uplicacaw\EB_dtermo\WW\GTEGH\backs py \.\manage.py runserver 8801
\text{Nathing for file changes with Statkeloader
Performing system checks...

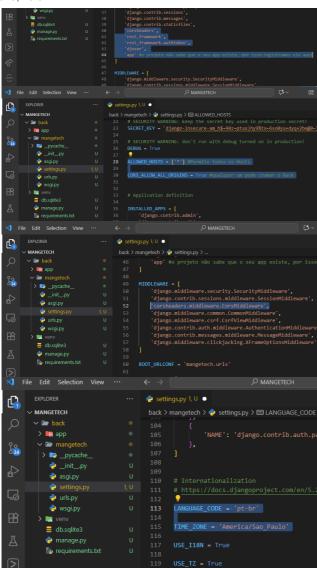
System check identified no issues (0 silenced).

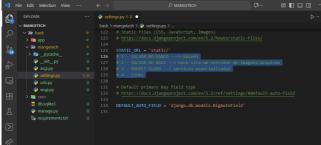
You have 18 unapplied migration(s). Your project may not work properly until you apply the migrations for app(s): admin
auth, contenttypes, sessions.
Inn 'python amanage.py migrate' to apply them.
September 23, 2005 - 19723220
Dipage version $2.26, using settings 'mangetech.settings'
Starting development serven at http://127.0.0.1:8001/
Quit the server with CIR_deby.

WONING: This is a development server. Do not use it in a production setting. Use a production bSGI or ASGI server inst
all for more information on production servers see: https://docs.djangoproject.com/en/5.2/houto/deployment/
```

Verificar se está tudo OK:



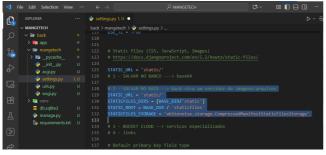




Hoje em dia existem 4 maneiras de salvar imagens no projeto

- Salvar no banco de dados (converte a imagem em um texto bem grande, famoso: base64)
   Desvantagem: influencia na performa do projeto caso salve arquivos muito grandes.
- Salvar no Backend (praticamente cria uma pasta que armazenas esses arquivos) Desvantagem: a complexibilidade depende do framework utilizado. No Django é simples.
- 3. Usar um serviço de armazenamento (Bucket) Ex: na Azure tem o "Azure Blob Storage", na AWS tem o "Amazon S3". Vantagem: é um serviço especializado para isso, então é mais seguro, tem mais opções. Desvantagem: o preço, aumenta o custo do projeto.
- E podemos salvar com Links, usando coisas que estão na internet, igual fizemos nos últimos projetos.

Melhor custo Benefício - usaremos essa.



```
# 2 - SALVAR NO BACK --> back vira um servidor de imagens/arquivos

STATIC_URL = 'static/'

STATICFILES_DIRS = [BASE_DIR/'static']

STATIC_ROOT = BASE_DIR / 'staticfiles'

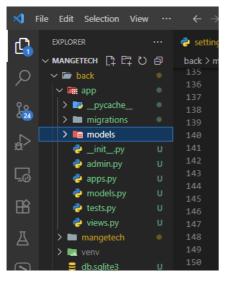
STATICFILES_STORAGE = 'whitenoise.storage.CompressedManifestStaticFilesStorage'
```

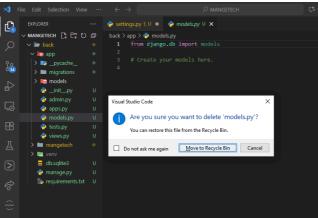
## Como alunos podemos pegar o modo pago do "pycharm" versão estudante.

[Ele oferece um conjunto de ferramentas que facilitam a escrita, depuração e execução de código, incluindo autocompletar, análise de código, integração com sistemas de controle de versão e suporte a desenvolvimento web com frameworks como Django.]

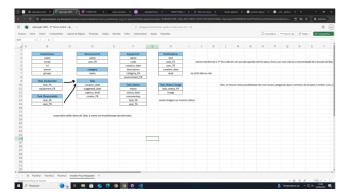
## Dica: webstorm é muito bom para substituir o Vscode



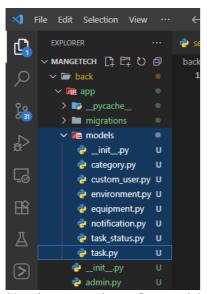




Deleta o models.py



Aplicação WEB - 4º Termo André.xlsx



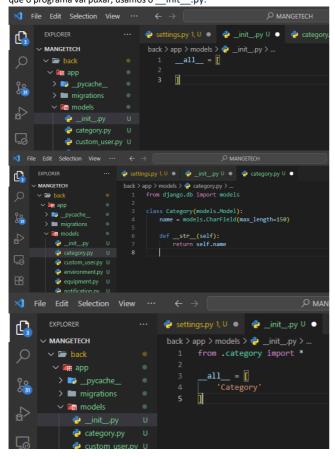
Criar todos esses manualmente, são nossas tabelas

#### Dica:

Ex: nos ultimos projetos utilizamos o \* para puxar todos os nossos modelos do arquivo models. Lembrando que isso não é viavel para as bibliotecas, pois são muito grandes e realmente não precisamos de tudo que ela tem.



Porém isso não se aplica mais ao nosso projeto já que não temos apenas um arquivo models, mas sim uma pasta com varios deles. Assim temos que deixar claro para o django o que vai ser esse "tudo" (\*) que o programa vai puxar, usamos o \_\_init\_\_.py:

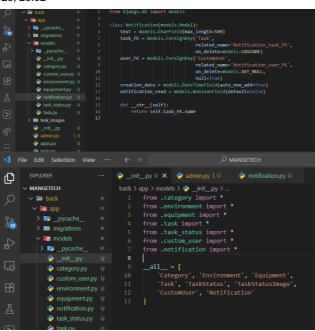


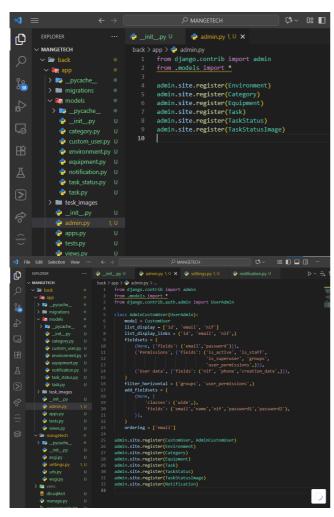
Faremos isso para os outros models:

→ File Edit Selection ··· ← → P MANGEECH

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(venv) PS C:\Users\dsadm\Downloads\AplicacaoNEB_4termo\WWWGETECH\back> py .\manage.py makemigrations
System check identified some issues:

OWARNINGS:

2: (staticfiles.W004) The directory 'C:\Users\dsadm\Downloads\AplicacaoNEB_4termo\WWWGETECH\back\stat
C' in the STATICFILES DIRS setting does not exist.

Migrations for 'app':

app\migrations\0001_initial.py
+ Create model CustomUser
+ Create model CustomUser
+ Create model Equipment
+ Create model Equipment
+ Create model Notification
+ Create model Notification
+ Create model TaskStatus
- Create model TaskStatus
```

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Vernov PS C:\Users\dsad\nomboundeds\Aplicacao\nEB_4termo\WANGETEGH\back> py .\manage.py migrate

System check identified some issues:

WARNINGS:

?: (staticfiles.W004) The directory 'C:\Users\dsadm\Downloads\Aplicacao\nEB_4termo\WANGETEGH\back\stat
c' in the SIATICFILES_DIRS setting does not exist.

Operations to perform:
Apply all migrations: admin, app, auth, authtoken, contenttypes, sessions
Applying contenttypes.0001_initial... OK
Applying contenttypes.0001_initial... OK
Applying auth.0001_initial... OK
Applying auth.0001_initial... OK
Applying auth.0003_alter_permission_name_max_length... OK
Applying auth.0003_alter_user_email_max_length... OK
Applying auth.0003_alter_user_email_max_length... OK
Applying auth.0005_alter_user_dispin_unll... OK
Applying auth.0005_alter_user_add_error_messages... OK
Applying auth.0006_alter_user_add_error_messages... OK
Applying auth.0005_alter_user_last_add_error_messages... OK
Applying auth.0005_alter_user_last_add_error_messages... OK
Applying auth.0005_alter_user_last_nemax_length... OK
Applying auth.0001_alter_user_last_nemax_length... OK
Applying auth.0001_alter_user_last_nemax_length... OK
Applying auth.0001_alter_user_first_name_max_length... OK
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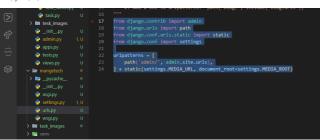
 $\label{thm:convergence} $$(venv) PS C:\Users\dsadm\Downloads\AplicacaoWEB\_4termo\MANGETECH\back> py .\mbox{\mbox{} manage.py migrate} $$$ 

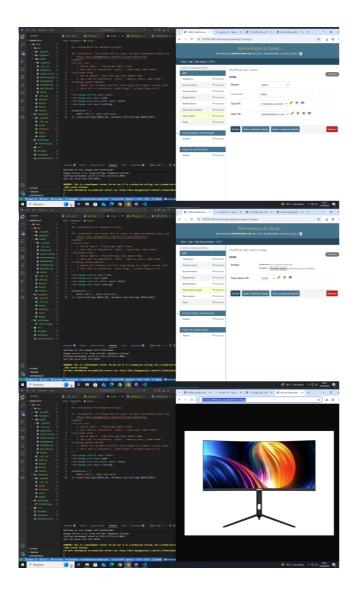
(venv) PS C:\Users\dsadm\Downloads\AplicacaoWEB\_4termo\MANGETECH\back> py .\manage.py createsuperuser

(venv) PS C:\Users\dsadm\Downloads\AplicacaoWEB\_4termo\MANGETECH\back> py .\manage.py runserver 8001

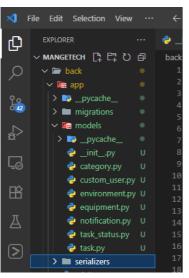
http://127.0.0.1:8001/admin

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| The content of the
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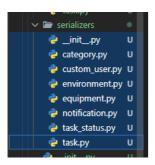


CRUD (Serializer, urls e views)

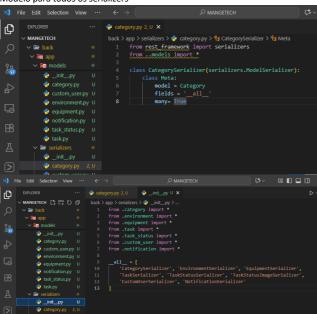




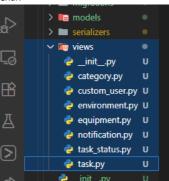
Cria pasta serializers dentro do app



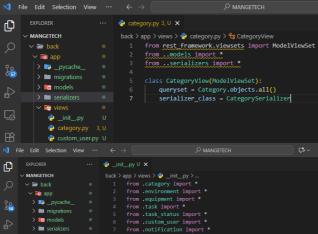
Modelo para todos os serializers



## Criar:



# Modelo para todos os views:





Criar Urls no app:

