Microsoft Windows [Version 10.0.18362.657]

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C:\Users\leeri>cd Desktop

C:\Users\leeri\Desktop>cd Coding\_Dojo

C:\Users\leeri\Desktop\Coding\_Dojo>cd python\_stack

C:\Users\leeri\Desktop\Coding\_Dojo\python\_stack>cd my\_environment

C:\Users\leeri\Desktop\Coding\_Dojo\python\_stack\my\_environment>call djangoPy3Env\Scripts\activate

(djangoPy3Env) C:\Users\leeri\Desktop\Coding\_Dojo\python\_stack\my\_environment>cd..

(djangoPy3Env) C:\Users\leeri\Desktop\Coding\_Dojo\python\_stack>cd django

(djangoPy3Env) C:\Users\leeri\Desktop\Coding\_Dojo\python\_stack\django>cd django\_intro

(djangoPy3Env) C:\Users\leeri\Desktop\Coding\_Dojo\python\_stack\django\django\_intro>cd..

(djangoPy3Env) C:\Users\leeri\Desktop\Coding\_Dojo\python\_stack\django>cd django\_orm

(djangoPy3Env) C:\Users\leeri\Desktop\Coding\_Dojo\python\_stack\django\django\_orm>cd single\_model\_orm

(djangoPy3Env) C:\Users\leeri\Desktop\Coding\_Dojo\python\_stack\django\django\_orm\single\_model\_orm>python manage.py shell

Python 3.8.2 (tags/v3.8.2:7b3ab59, Feb 25 2020, 22:45:29) [MSC v.1916 32 bit (Intel)] on win32

Type "help", "copyright", "credits" or "license" for more information.

(InteractiveConsole)

>>> from user\_app.models import \*

Traceback (most recent call last):

File "<console>", line 1, in <module>

File "C:\Users\leeri\Desktop\Coding\_Dojo\python\_stack\django\django\_orm\single\_model\_orm\user\_app\models.py", line 3, in <module>

class users(models.Model):

File "C:\Users\leeri\Desktop\Coding\_Dojo\python\_stack\my\_environment\djangoPy3Env\lib\site-packages\django\db\models\base.py", line 108, in \_\_new\_\_

raise RuntimeError(

RuntimeError: Model class user\_app.models.users doesn't declare an explicit app\_label and isn't in an application in INSTALLED\_APPS.

>>> exit()

(djangoPy3Env) C:\Users\leeri\Desktop\Coding\_Dojo\python\_stack\django\django\_orm\single\_model\_orm>python manage.py makemigrations

No changes detected

(djangoPy3Env) C:\Users\leeri\Desktop\Coding\_Dojo\python\_stack\django\django\_orm\single\_model\_orm>python manage.py migrate

Operations to perform:

Apply all migrations: admin, auth, contenttypes, sessions

Running migrations:

No migrations to apply.

(djangoPy3Env) C:\Users\leeri\Desktop\Coding\_Dojo\python\_stack\django\django\_orm\single\_model\_orm>python manage.py shell

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(InteractiveConsole)

>>> from user\_app.models import \*

Traceback (most recent call last):

File "<console>", line 1, in <module>

File "C:\Users\leeri\Desktop\Coding\_Dojo\python\_stack\django\django\_orm\single\_model\_orm\user\_app\models.py", line 3, in <module>

class Users(models.Model):

File "C:\Users\leeri\Desktop\Coding\_Dojo\python\_stack\my\_environment\djangoPy3Env\lib\site-packages\django\db\models\base.py", line 108, in \_\_new\_\_

raise RuntimeError(

RuntimeError: Model class user\_app.models.Users doesn't declare an explicit app\_label and isn't in an application in INSTALLED\_APPS.

>>> from user\_app.models import \*

Traceback (most recent call last):

File "<console>", line 1, in <module>

File "C:\Users\leeri\Desktop\Coding\_Dojo\python\_stack\django\django\_orm\single\_model\_orm\user\_app\models.py", line 3, in <module>

class User\_s(models.Model):

File "C:\Users\leeri\Desktop\Coding\_Dojo\python\_stack\my\_environment\djangoPy3Env\lib\site-packages\django\db\models\base.py", line 108, in \_\_new\_\_

raise RuntimeError(

RuntimeError: Model class user\_app.models.User\_s doesn't declare an explicit app\_label and isn't in an application in INSTALLED\_APPS.

>>> exit()

(djangoPy3Env) C:\Users\leeri\Desktop\Coding\_Dojo\python\_stack\django\django\_orm\single\_model\_orm>python manage.py makemigrations

No changes detected

(djangoPy3Env) C:\Users\leeri\Desktop\Coding\_Dojo\python\_stack\django\django\_orm\single\_model\_orm>python manage.py migrate

Operations to perform:

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Running migrations:

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(djangoPy3Env) C:\Users\leeri\Desktop\Coding\_Dojo\python\_stack\django\django\_orm\single\_model\_orm>python manage.py shell

Python 3.8.2 (tags/v3.8.2:7b3ab59, Feb 25 2020, 22:45:29) [MSC v.1916 32 bit (Intel)] on win32

Type "help", "copyright", "credits" or "license" for more information.

(InteractiveConsole)

>>> from user\_app.models import\*

Traceback (most recent call last):

File "<console>", line 1, in <module>

File "C:\Users\leeri\Desktop\Coding\_Dojo\python\_stack\django\django\_orm\single\_model\_orm\user\_app\models.py", line 3, in <module>

class newname(models.Model):

File "C:\Users\leeri\Desktop\Coding\_Dojo\python\_stack\my\_environment\djangoPy3Env\lib\site-packages\django\db\models\base.py", line 108, in \_\_new\_\_

raise RuntimeError(

RuntimeError: Model class user\_app.models.newname doesn't declare an explicit app\_label and isn't in an application in INSTALLED\_APPS.

>>> from user\_app.models import\*

Traceback (most recent call last):

File "<console>", line 1, in <module>

File "C:\Users\leeri\Desktop\Coding\_Dojo\python\_stack\django\django\_orm\single\_model\_orm\user\_app\models.py", line 3, in <module>

class newname(models.Model):

File "C:\Users\leeri\Desktop\Coding\_Dojo\python\_stack\my\_environment\djangoPy3Env\lib\site-packages\django\db\models\base.py", line 108, in \_\_new\_\_

raise RuntimeError(

RuntimeError: Model class user\_app.models.newname doesn't declare an explicit app\_label and isn't in an application in INSTALLED\_APPS.

>>>

KeyboardInterrupt

>>> exit()

(djangoPy3Env) C:\Users\leeri\Desktop\Coding\_Dojo\python\_stack\django\django\_orm\single\_model\_orm>python manage.py shell

Python 3.8.2 (tags/v3.8.2:7b3ab59, Feb 25 2020, 22:45:29) [MSC v.1916 32 bit (Intel)] on win32

Type "help", "copyright", "credits" or "license" for more information.

(InteractiveConsole)

>>> from user\_app.models import \*

>>> from user\_app.models import \*

>>> exit

Use exit() or Ctrl-Z plus Return to exit

>>> exit()

(djangoPy3Env) C:\Users\leeri\Desktop\Coding\_Dojo\python\_stack\django\django\_orm\single\_model\_orm>python manage.py shell

Python 3.8.2 (tags/v3.8.2:7b3ab59, Feb 25 2020, 22:45:29) [MSC v.1916 32 bit (Intel)] on win32

Type "help", "copyright", "credits" or "license" for more information.

(InteractiveConsole)

>>> from user\_app.models import \*

>>> user.objects.create(first\_name="Richard", last\_name="Lee",email\_address="lee@gmail.com",age="33")

Traceback (most recent call last):

File "C:\Users\leeri\Desktop\Coding\_Dojo\python\_stack\my\_environment\djangoPy3Env\lib\site-packages\django\db\backends\utils.py", line 84, in \_execute

return self.cursor.execute(sql, params)

File "C:\Users\leeri\Desktop\Coding\_Dojo\python\_stack\my\_environment\djangoPy3Env\lib\site-packages\django\db\backends\sqlite3\base.py", line 383, in execute

return Database.Cursor.execute(self, query, params)

sqlite3.OperationalError: no such table: user\_app\_user

The above exception was the direct cause of the following exception:

Traceback (most recent call last):

File "<console>", line 1, in <module>

File "C:\Users\leeri\Desktop\Coding\_Dojo\python\_stack\my\_environment\djangoPy3Env\lib\site-packages\django\db\models\manager.py", line 82, in manager\_method

return getattr(self.get\_queryset(), name)(\*args, \*\*kwargs)

File "C:\Users\leeri\Desktop\Coding\_Dojo\python\_stack\my\_environment\djangoPy3Env\lib\site-packages\django\db\models\query.py", line 422, in create

obj.save(force\_insert=True, using=self.db)

File "C:\Users\leeri\Desktop\Coding\_Dojo\python\_stack\my\_environment\djangoPy3Env\lib\site-packages\django\db\models\base.py", line 740, in save

self.save\_base(using=using, force\_insert=force\_insert,

File "C:\Users\leeri\Desktop\Coding\_Dojo\python\_stack\my\_environment\djangoPy3Env\lib\site-packages\django\db\models\base.py", line 777, in save\_base

updated = self.\_save\_table(

File "C:\Users\leeri\Desktop\Coding\_Dojo\python\_stack\my\_environment\djangoPy3Env\lib\site-packages\django\db\models\base.py", line 870, in \_save\_table

result = self.\_do\_insert(cls.\_base\_manager, using, fields, update\_pk, raw)

File "C:\Users\leeri\Desktop\Coding\_Dojo\python\_stack\my\_environment\djangoPy3Env\lib\site-packages\django\db\models\base.py", line 907, in \_do\_insert

return manager.\_insert([self], fields=fields, return\_id=update\_pk,

File "C:\Users\leeri\Desktop\Coding\_Dojo\python\_stack\my\_environment\djangoPy3Env\lib\site-packages\django\db\models\manager.py", line 82, in manager\_method

return getattr(self.get\_queryset(), name)(\*args, \*\*kwargs)

File "C:\Users\leeri\Desktop\Coding\_Dojo\python\_stack\my\_environment\djangoPy3Env\lib\site-packages\django\db\models\query.py", line 1186, in \_insert

return query.get\_compiler(using=using).execute\_sql(return\_id)

File "C:\Users\leeri\Desktop\Coding\_Dojo\python\_stack\my\_environment\djangoPy3Env\lib\site-packages\django\db\models\sql\compiler.py", line 1332, in execute\_sql

cursor.execute(sql, params)

File "C:\Users\leeri\Desktop\Coding\_Dojo\python\_stack\my\_environment\djangoPy3Env\lib\site-packages\django\db\backends\utils.py", line 99, in execute

return super().execute(sql, params)

File "C:\Users\leeri\Desktop\Coding\_Dojo\python\_stack\my\_environment\djangoPy3Env\lib\site-packages\django\db\backends\utils.py", line 67, in execute

return self.\_execute\_with\_wrappers(sql, params, many=False, executor=self.\_execute)

File "C:\Users\leeri\Desktop\Coding\_Dojo\python\_stack\my\_environment\djangoPy3Env\lib\site-packages\django\db\backends\utils.py", line 76, in \_execute\_with\_wrappers

return executor(sql, params, many, context)

File "C:\Users\leeri\Desktop\Coding\_Dojo\python\_stack\my\_environment\djangoPy3Env\lib\site-packages\django\db\backends\utils.py", line 84, in \_execute

return self.cursor.execute(sql, params)

File "C:\Users\leeri\Desktop\Coding\_Dojo\python\_stack\my\_environment\djangoPy3Env\lib\site-packages\django\db\utils.py", line 89, in \_\_exit\_\_

raise dj\_exc\_value.with\_traceback(traceback) from exc\_value

File "C:\Users\leeri\Desktop\Coding\_Dojo\python\_stack\my\_environment\djangoPy3Env\lib\site-packages\django\db\backends\utils.py", line 84, in \_execute

return self.cursor.execute(sql, params)

File "C:\Users\leeri\Desktop\Coding\_Dojo\python\_stack\my\_environment\djangoPy3Env\lib\site-packages\django\db\backends\sqlite3\base.py", line 383, in execute

return Database.Cursor.execute(self, query, params)

django.db.utils.OperationalError: no such table: user\_app\_user

>>> exit()

(djangoPy3Env) C:\Users\leeri\Desktop\Coding\_Dojo\python\_stack\django\django\_orm\single\_model\_orm>python manage.py migrate

Operations to perform:

Apply all migrations: admin, auth, contenttypes, sessions

Running migrations:

No migrations to apply.

Your models have changes that are not yet reflected in a migration, and so won't be applied.

Run 'manage.py makemigrations' to make new migrations, and then re-run 'manage.py migrate' to apply them.

(djangoPy3Env) C:\Users\leeri\Desktop\Coding\_Dojo\python\_stack\django\django\_orm\single\_model\_orm>python manage.py makemigrations

Migrations for 'user\_app':

user\_app\migrations\0001\_initial.py

- Create model user

(djangoPy3Env) C:\Users\leeri\Desktop\Coding\_Dojo\python\_stack\django\django\_orm\single\_model\_orm>python manage.py migrate

Operations to perform:

Apply all migrations: admin, auth, contenttypes, sessions, user\_app

Running migrations:

Applying user\_app.0001\_initial... OK

(djangoPy3Env) C:\Users\leeri\Desktop\Coding\_Dojo\python\_stack\django\django\_orm\single\_model\_orm>python manage.py shell

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Type "help", "copyright", "credits" or "license" for more information.

(InteractiveConsole)

>>> from user\_app.models import\*

>>> user.objects.create(first\_name="Richard", last\_name="Lee",email\_address="lee@gmail.com",age="33")

<user: user object (1)>

>>> user.objects.create(first\_name="Manilyn", last\_name="Lee",email\_address="eusebio@gmail.com",age="31")

<user: user object (2)>

>>> user.objects.create(first\_name="Justin", last\_name="Yu",email\_address="yu@gmail.com",age="33")

<user: user object (3)>

>>> user.objects.all()

<QuerySet [<user: user object (1)>, <user: user object (2)>, <user: user object (3)>]>

>>> user.objects.first()

<user: user object (1)>

>>> user.objects.last()

<user: user object (3)>

>>> user.objects.all()\_\_dict\_\_

File "<console>", line 1

user.objects.all()\_\_dict\_\_

^

SyntaxError: invalid syntax

>>> user.objects.all().\_\_dict\_\_

{'model': <class 'user\_app.models.user'>, '\_db': None, '\_hints': {}, 'query': <django.db.models.sql.query.Query object at 0x03E35D90>, '\_result\_cache': None, '\_sticky\_filter': False, '\_for\_write': False, '\_prefetch\_related\_lookups': (), '\_prefetch\_done': False, '\_known\_related\_objects': {}, '\_iterable\_class': <class 'django.db.models.query.ModelIterable'>, '\_fields': None}

>>> c1=user.objects.get(id=3)

>>> c1.last\_name="Pancakes"

>>> c1.save

<bound method Model.save of <user: user object (3)>>

>>> c1.save()

>>> c2=user.pbjects.get(id=2)

Traceback (most recent call last):

File "<console>", line 1, in <module>

AttributeError: type object 'user' has no attribute 'pbjects'

>>> c2=user.objects.get(id=2)

>>> c2.delete()

(1, {'user\_app.user': 1})

>>> user.objects.all().order\_by("first\_name")

<QuerySet [<user: user object (3)>, <user: user object (1)>]>

>>> user.objects.all().order\_by("first\_name")desc

File "<console>", line 1

user.objects.all().order\_by("first\_name")desc

^

SyntaxError: invalid syntax

>>> user.objects.all().order\_bydesc("first\_name")

Traceback (most recent call last):

File "<console>", line 1, in <module>

AttributeError: 'QuerySet' object has no attribute 'order\_bydesc'

>>> user.objects.all().order\_by("-first\_name")

<QuerySet [<user: user object (1)>, <user: user object (3)>]>

>>>