File Edit View Navigate Code Refactor Run Tools Git Window Help

pythonProject2 › Django_HW_2 › PMProject › PMApp › models.py

main

Git:

PMApp\models.py × manager.py × query.py × utils.py × base.py × __init__.py × MoviesListApp\models.py × Movie

```
7          completion_time = models.DateTimeField(null=True, help_text="The date and time the project was c
8
9     def __str__(self):
10        return self.name
11
12  class Task(models.Model):
13      title = models.CharField(max_length=100, help_text="The Title of the Task.")
14      description = models.TextField(help_text = "The description of the Task.")
15      time_estimate = models.IntegerField(help_text="The estimate for the Task.")
16      completed = models.BooleanField(default=False)
17      project = models.ForeignKey(Project, on_delete=models.CASCADE)
18      def __str__(self):
19          return self.title
```
Task

Terminal: Local ×

```
PS C:\Users\win10pro\PycharmProjects\pythonProject2\Django_HW_2\PMProject> python manage.py makemigrations PMApp
Migrations for 'PMApp':
  PMApp\migrations\0001_initial.py
    - Create model Project
    - Create model Task
PS C:\Users\win10pro\PycharmProjects\pythonProject2\Django_HW_2\PMProject> python manage.py migrate
Operations to perform:
  Apply all migrations: PMApp, admin, auth, contenttypes, sessions
Running migrations:
```

Create the migration scripts and migrate the models

```
  Applying sessions.0001_initial... OK
PS C:\Users\win10pro\PycharmProjects\pythonProject2\Django_HW_2\PMProject> python manage.py shell
Python 3.10.4 (tags/v3.10.4:9d38120, Mar 23 2022, 23:13:41) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license" for more information.
(InteractiveConsole)
>>> from PMApp.models import Project,Task
>>> p=Project.objects.create(name="project1")
```

Create Project Object

```
>>> t=Task.objects.create(title="the first Task",description="desc for the first task",time_estimate=7,project=p)
>>> Task.objects.all()
<QuerySet [<Task: the first Task>]>
```

Create Task Object & List all the tasks by using all()

```
>>> t2=Task.objects.create(title="the second Task",description="desc for the second task",time_estimate=7,project=p)
>>> Task.objects.filter(title="the second Task")
<QuerySet [<Task: the second Task>]>
>>>
```

List all the tasks by using filter()

Git TODO Problems Python Packages Python Console Terminal   Event Log

Download pre-built shared indexes: Reduce the indexing time and CPU load with pre-built Python packages shared index... (today ص ٠٩:٠٠)   15:17 (13 chars) CRLF UTF-8 3 spaces* Python 3.10 (pythonProject2) main