



Distributed Applications – AI5109

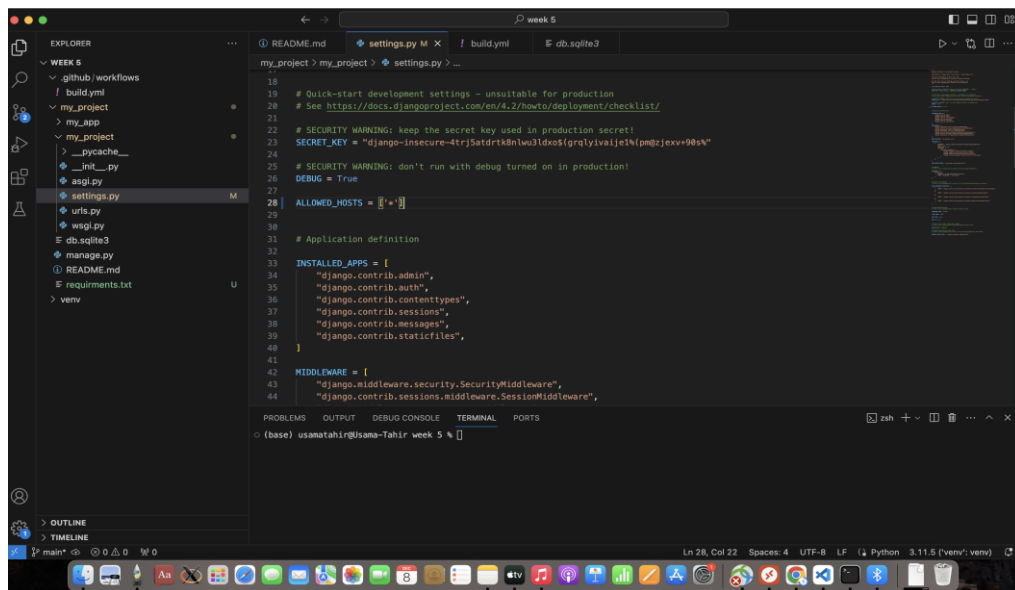
Assignment - 4

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Note: I have done this exercise using python django. You can find the source code of the exercises on the following git hub link: “<https://github.com/fdai7673/week-5.git>”

Settings.py

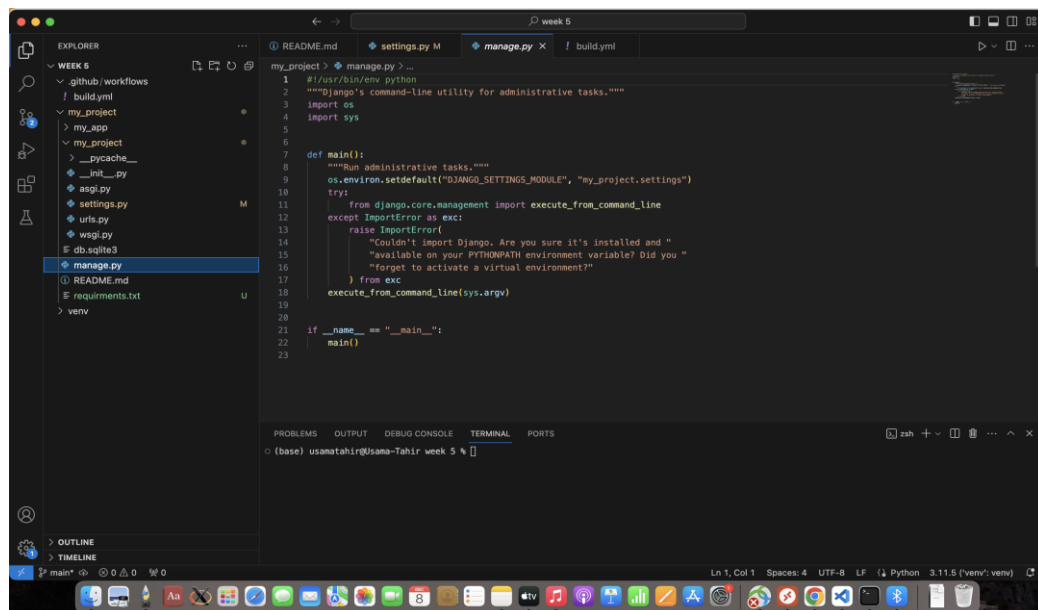


The screenshot shows a Visual Studio Code editor with a project named 'week 5'. The Explorer sidebar on the left shows the file structure: 'WEEK 5' contains 'github/workflows', 'build.yml', 'my_project', 'my_app', 'pycache_', 'init_.py', 'asgi.py', 'settings.py' (selected), 'urls.py', 'wsgi.py', 'db.sqlite3', 'manage.py', 'README.md', 'requirements.txt', and 'venv'. The main editor displays the 'settings.py' file with the following content:

```
18 # Quick-start development settings - unsuitable for production
19 # See https://docs.djangoproject.com/en/4.2/howto/deployment/checklist/
20
21 # SECURITY WARNING: keep the secret key used in production secret!
22 SECRET_KEY = "django-insecure-4trj5atdrtk8nlw3ldxo5(qralyivaije1\pmbzjexv+90sv"
23
24 # SECURITY WARNING: don't run with debug turned on in production!
25 DEBUG = True
26
27
28 ALLOWED_HOSTS = []
29
30
31 # Application definition
32
33 INSTALLED_APPS = [
34     "django.contrib.admin",
35     "django.contrib.auth",
36     "django.contrib.contenttypes",
37     "django.contrib.sessions",
38     "django.contrib.messages",
39     "django.contrib.staticfiles",
40 ]
41
42 MIDDLEWARE = [
43     "django.middleware.security.SecurityMiddleware",
44     "django.contrib.sessions.middleware.SessionMiddleware",
45 ]
```

The bottom of the editor shows the 'TERMINAL' tab with the command prompt: `(base) usanatahir@usama-Tahir week 5 %`.

Mange.py

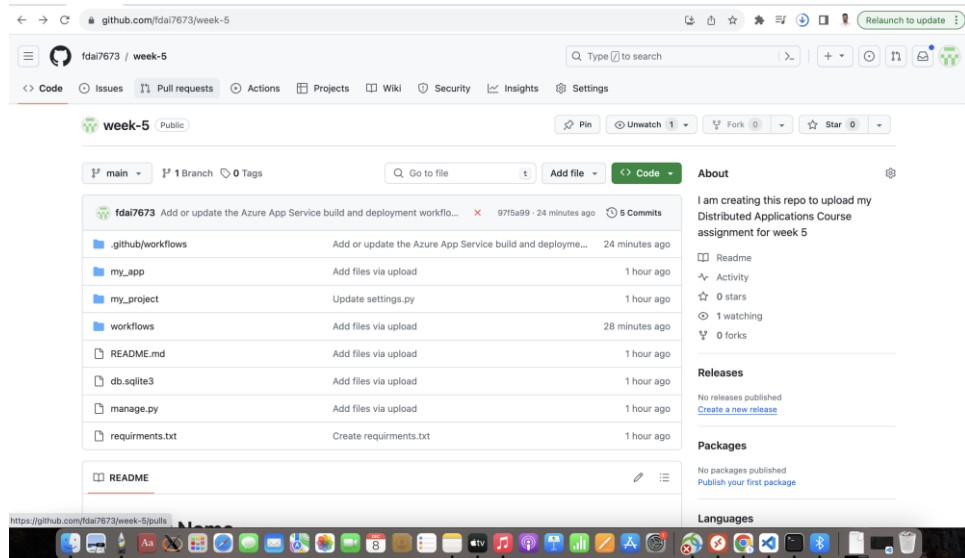


The screenshot shows the same Visual Studio Code editor with the 'manage.py' file selected in the Explorer sidebar. The main editor displays the 'manage.py' file with the following content:

```
1 #!/usr/bin/env python
2 """Django's command-line utility for administrative tasks."""
3 import os
4 import sys
5
6
7 def main():
8     """Run administrative tasks."""
9     os.environ.setdefault("DJANGO_SETTINGS_MODULE", "my_project.settings")
10     try:
11         from django.core.management import execute_from_command_line
12     except ImportError as exc:
13         raise ImportError(
14             "Couldn't import Django. Are you sure it's installed and "
15             "available on your PYTHONPATH environment variable? Did you "
16             "forget to activate a virtual environment?"
17         ) from exc
18     execute_from_command_line(sys.argv)
19
20
21 if __name__ == "__main__":
22     main()
23
```

The bottom of the editor shows the 'TERMINAL' tab with the command prompt: `(base) usanatahir@usama-Tahir week 5 %`.

Repo



Server

