

ASSIGNMENT – 3

Group 43:

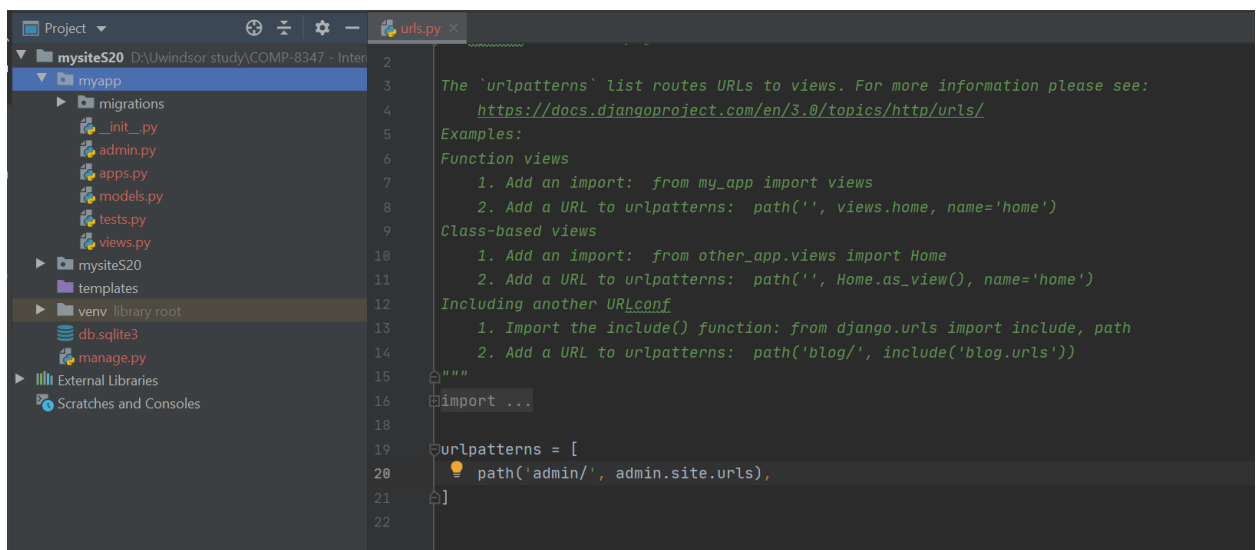
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SCREENSHOTS

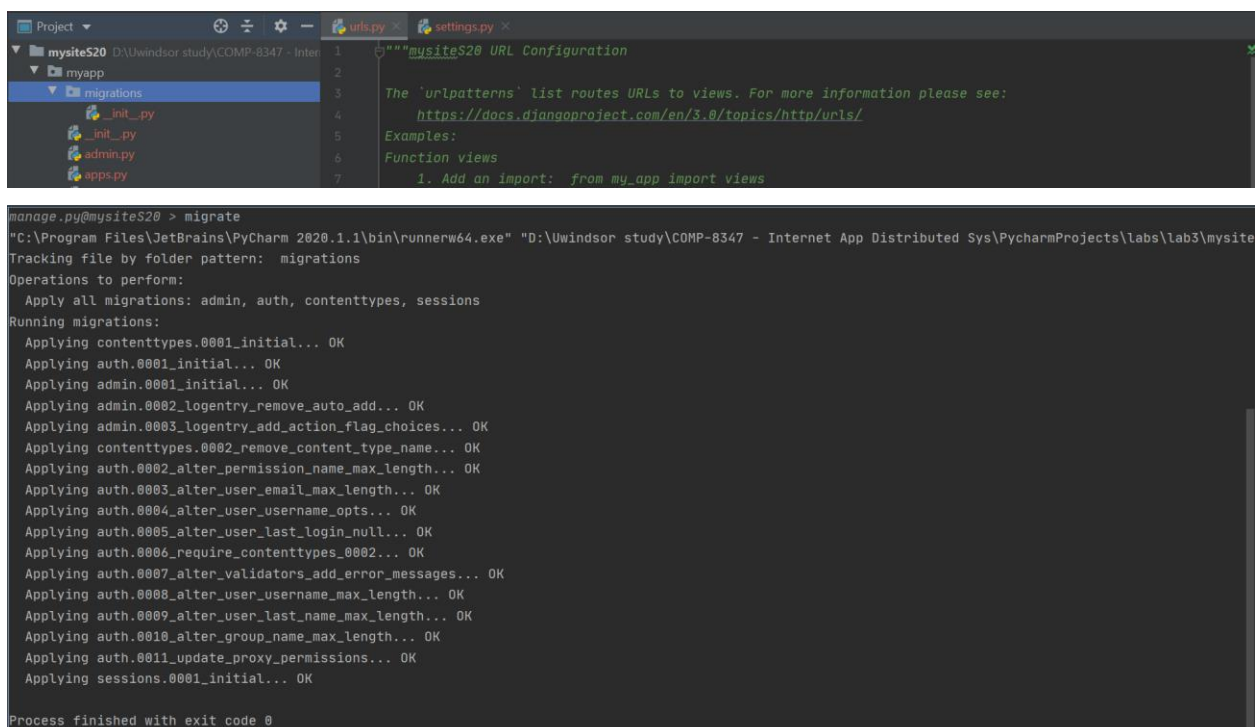
- A new Application “myapp” under the Project “mysiteS20” is shown along with settings.py and urls.py



The screenshot shows the PyCharm IDE interface. On the left, the Project tool window displays the structure of the 'mysiteS20' project, which includes a 'myapp' sub-project with files like migrations, __init__.py, admin.py, apps.py, models.py, tests.py, and views.py. The main editor window shows the 'urls.py' file for 'myapp'. It contains comments about URL routing and examples for function and class-based views. The code includes an import statement for 'django.urls' and a list of URL patterns, with one pattern for the admin site.

```
1 2
3  The 'urlpatterns' list routes URLs to views. For more information please see:
4      https://docs.djangoproject.com/en/3.0/topics/http/urls/
5  Examples:
6  Function views
7      1. Add an import: from my_app import views
8      2. Add a URL to urlpatterns: path('', views.home, name='home')
9  Class-based views
10     1. Add an import: from other_app.views import Home
11     2. Add a URL to urlpatterns: path('', Home.as_view(), name='home')
12 Including another URLconf
13     1. Import the include() function: from django.urls import include, path
14     2. Add a URL to urlpatterns: path('blog/', include('blog.urls'))
15 """
16 import ...
17
18 urlpatterns = [
19     path('admin/', admin.site.urls),
20 ]
21
22
```

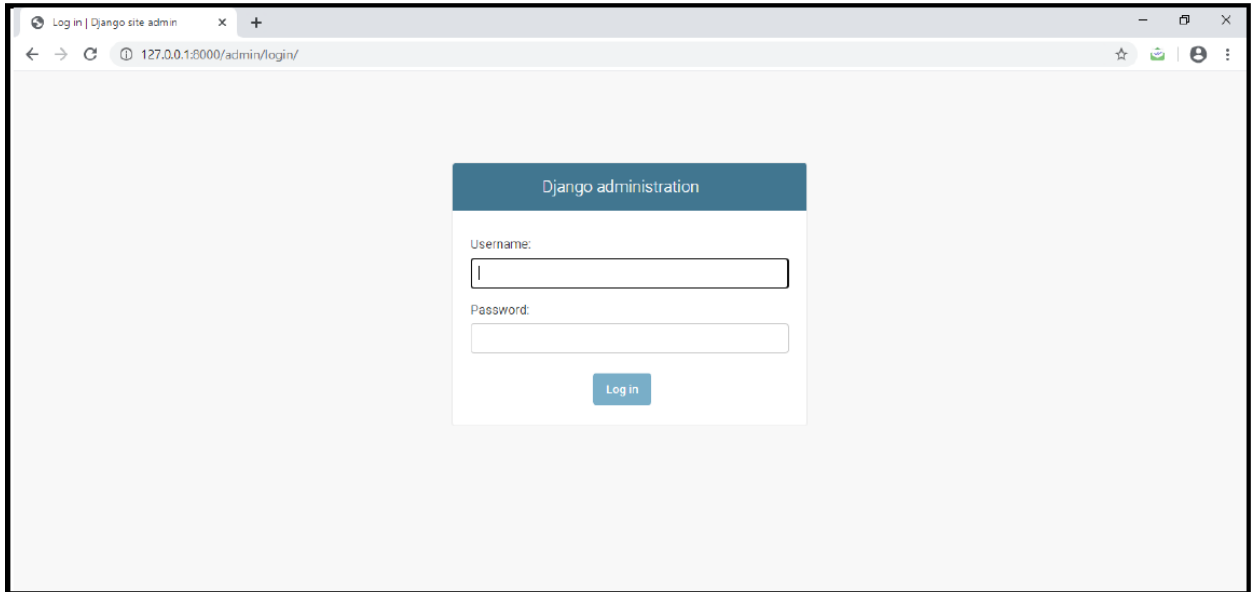
- Migrate creates necessary db tables for each app listed under INSTALLED_APPS



The screenshot shows the PyCharm IDE with the 'urls.py' and 'settings.py' files open. Below the editor, the terminal window displays the output of the 'migrate' command executed from the 'manage.py' script. The output shows the application of various database migrations for the 'mysiteS20' project, including initial migrations for contenttypes, auth, admin, and sessions, as well as several alter migrations for user and group models. The process finished with exit code 0.

```
manage.py@mysiteS20 > migrate
"C:\Program Files\JetBrains\PyCharm 2020.1.1\bin\runnerw64.exe" "D:\Uwindsor study\COMP-8347 - Internet App Distributed Sys\PycharmProjects\labs\lab3\mysite
Tracking file by folder pattern: migrations
Operations to perform:
  Apply all migrations: admin, auth, contenttypes, sessions
Running migrations:
  Applying contenttypes.0001_initial... OK
  Applying auth.0001_initial... OK
  Applying admin.0001_initial... OK
  Applying admin.0002_logentry_remove_auto_add... OK
  Applying admin.0003_logentry_add_action_flag_choices... OK
  Applying contenttypes.0002_remove_content_type_name... OK
  Applying auth.0002_alter_permission_name_max_length... OK
  Applying auth.0003_alter_user_email_max_length... OK
  Applying auth.0004_alter_user_username_opts... OK
  Applying auth.0005_alter_user_last_login_null... OK
  Applying auth.0006_require_contenttypes_0002... OK
  Applying auth.0007_alter_validators_add_error_messages... OK
  Applying auth.0008_alter_user_username_max_length... OK
  Applying auth.0009_alter_user_last_name_max_length... OK
  Applying auth.0010_alter_group_name_max_length... OK
  Applying auth.0011_update_proxy_permissions... OK
  Applying sessions.0001_initial... OK
Process finished with exit code 0
```

- A successful run on the project with admin login redirects to the following Django site admin interface



- The Django admin page after login

