

Lab 1

Ecommerce

1. Objective:

- To install python, Django framework, and the database tool.
- To create our project using the Django framework.
- To create our own superuser.
- To verify the superuser.
- To add other users and perform CRUD operations

2. Introduction:

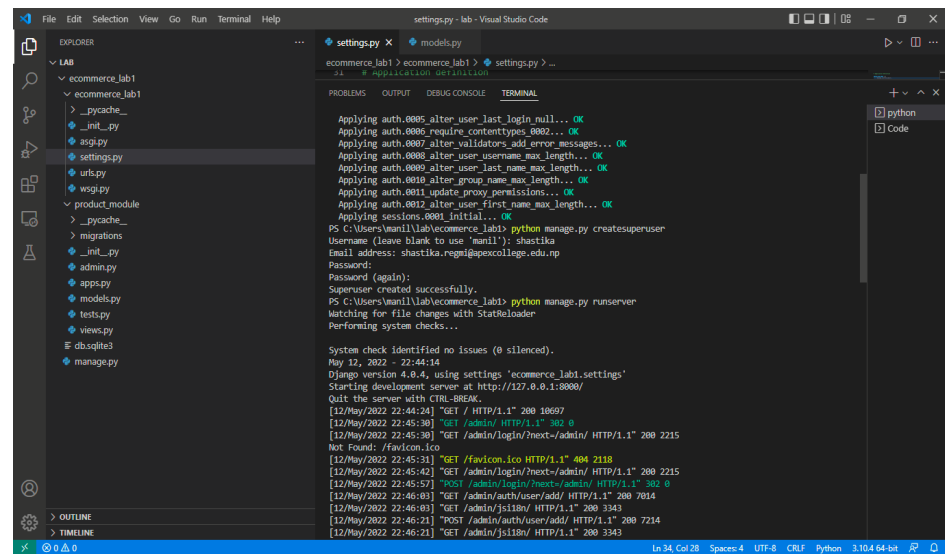
The process of conducting a business via the internet is known as eCommerce. We used Python as our language, Django as our framework, SQLite as our database server, and created our first project.

3. Procedure:

Using the lab manual we followed the following codes:

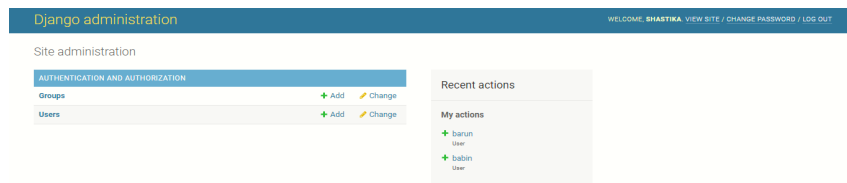
- To start a project:
`django-admin startproject ecommerce_lab1`
- To initialize the database:
`python manage.py migrate`
- To create a superuser:
`python manage.py createsuperuser`
- To run the project:
`python manage.py runserver`

4. Output:



```
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 auth.0012_alter_user_first_name_max_length... OK
Applying sessions.0001_initial... OK
PS C:\Users\manil\lab\ecommerce_lab1> python manage.py createsuperuser
Username (leave blank to use 'manil'): shastika
Email address: shastika.regmi@pexcollege.edu.np
Password:
Password (again):
Superuser created successfully.
PS C:\Users\manil\lab\ecommerce_lab1> python manage.py runserver
Matching for file changes with StatReloader
Performing system checks...

System check identified no issues (0 silenced).
May 12, 2022 - 22:44:14
Django version 4.0.4, using settings 'ecommerce_lab1.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CTRL-BREAK.
[12/May/2022 22:44:24] "GET / HTTP/1.1" 200 10697
[12/May/2022 22:45:30] "GET /admin/ HTTP/1.1" 302 0
[12/May/2022 22:45:30] "GET /admin/login/?next=/admin/ HTTP/1.1" 200 2215
Not Found: /favicon.ico
[12/May/2022 22:45:31] "GET /favicon.ico HTTP/1.1" 404 2118
[12/May/2022 22:45:42] "GET /admin/login/?next=/admin/ HTTP/1.1" 200 2215
[12/May/2022 22:45:57] "POST /admin/login/?next=/admin/ HTTP/1.1" 302 0
[12/May/2022 22:46:03] "GET /admin/auth/user/add/ HTTP/1.1" 200 7014
[12/May/2022 22:46:03] "GET /admin/jsi18n/ HTTP/1.1" 200 3343
[12/May/2022 22:46:21] "POST /admin/auth/user/add/ HTTP/1.1" 200 7214
[12/May/2022 22:46:21] "GET /admin/jsi18n/ HTTP/1.1" 200 3343
```



5. Conclusion:

Hence, in our first lab, we built our own project with the Django framework with a superuser. We verified it using django and also created other users.