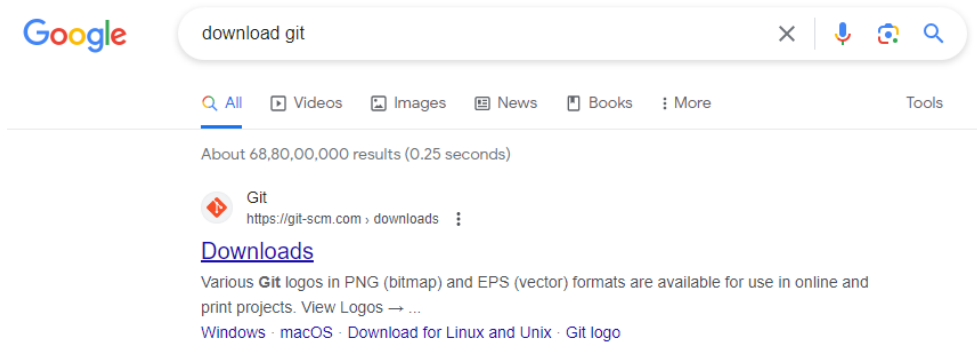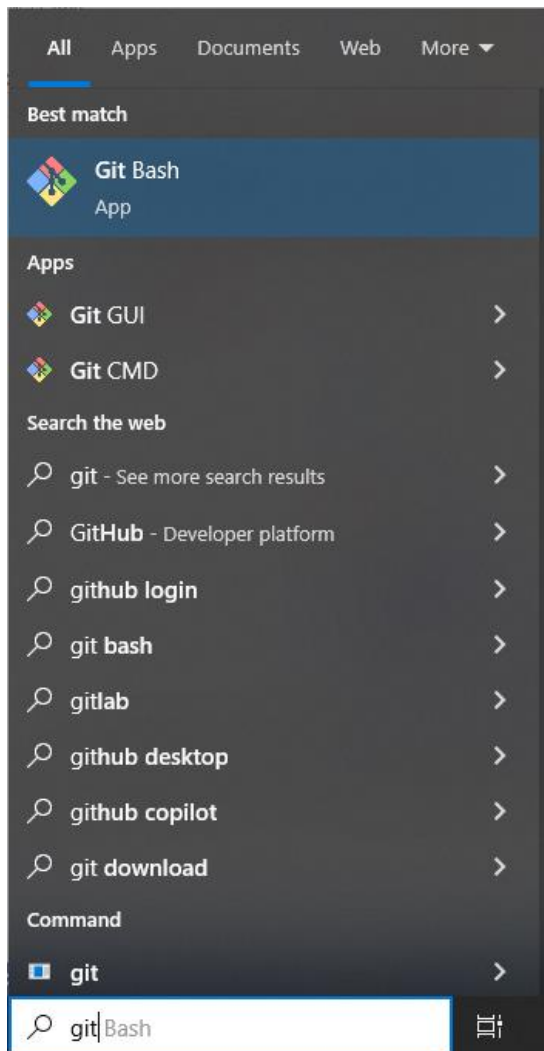1. Download git and install it

Download it and install ju by clicking next

2. Go to window search and search for

3. Create account on github login
4. Go to github and create repository

5. Open git bash on the folder where you have your projects (make sure all functionalities are working fine)
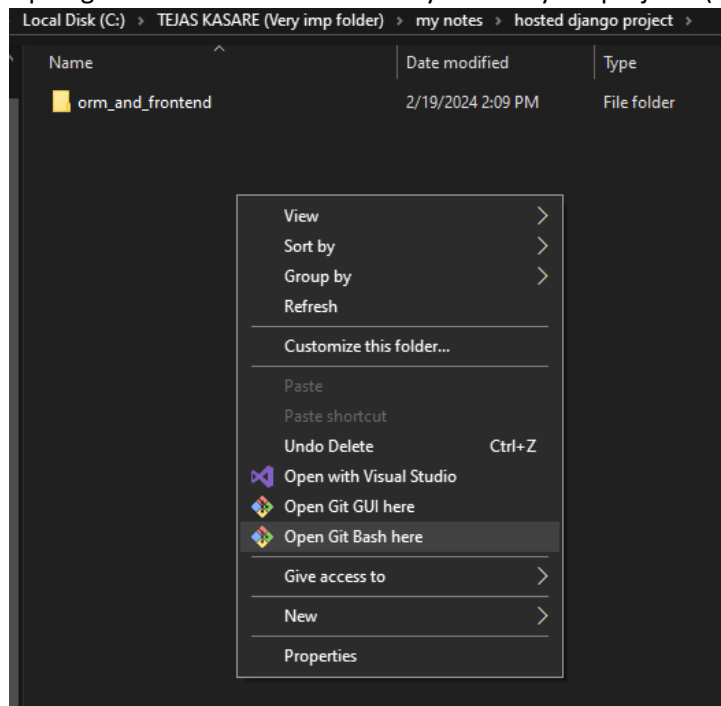
6. Run following commands on git bash

```
admin@pc-16 MINGW64 /c/TEJAS KASARE (Very imp folder)/my notes/hosted django project (master)
$ git init

admin@pc-16 MINGW64 /c/TEJAS KASARE (Very imp folder)/my notes/hosted django project (master)
$ git add .

admin@pc-16 MINGW64 /c/TEJAS KASARE (Very imp folder)/my notes/hosted django project (master)
$ git config --global user.email tejaskasare.projects@gmail.com

admin@pc-16 MINGW64 /c/TEJAS KASARE (Very imp folder)/my notes/hosted django project (master)
$ git config --global user.name "tejaskasare14"

admin@pc-16 MINGW64 /c/TEJAS KASARE (Very imp folder)/my notes/hosted django project (master)
$ git commit -m "intial project uploaded"
[master (root-commit) 8b5e815] intial project uploaded
 59 files changed, 1324 insertions(+)
 create mode 100644 orm_and_frontend/manage.py
 create mode 100644 orm_and_frontend/media/image/jacket.webp
 create mode 100644 orm_and_frontend/media/image/mobile1.jpg
 create mode 100644 orm_and_frontend/media/image/mobile2.jpg
 create mode 100644 orm_and_frontend/media/image/shirt.webp
 create mode 100644 orm_and_frontend/media/image/shoe1.jpg
 create mode 100644 orm_and_frontend/media/image/shoe1_YPVBJ1s.jpg
 create mode 100644 orm_and_frontend/orm_and_frontend/__init__.py
 create mode 100644 orm_and_frontend/orm_and_frontend/__pycache__/__init__.cpython-312.pyc
 create mode 100644 orm_and_frontend/orm_and_frontend/__pycache__/settings.cpython-312.pyc
 create mode 100644 orm_and_frontend/orm_and_frontend/__pycache__/urls.cpython-312.pyc
 create mode 100644 orm_and_frontend/orm_and_frontend/__pycache__/wsgi.cpython-312.pyc
 create mode 100644 orm_and_frontend/orm_and_frontend/asgi.py
 create mode 100644 orm_and_frontend/orm_and_frontend/settings.py
 create mode 100644 orm_and_frontend/orm_and_frontend/urls.py
 create mode 100644 orm_and_frontend/orm_and_frontend/wsgi.py
 create mode 100644 orm_and_frontend/product/__init__.py
 create mode 100644 orm_and_frontend/product/__pycache__/__init__.cpython-312.pyc
 create mode 100644 orm_and_frontend/product/__pycache__/admin.cpython-312.pyc
 create mode 100644 orm_and_frontend/product/__pycache__/apps.cpython-312.pyc
 create mode 100644 orm_and_frontend/product/__pycache__/models.cpython-312.pyc
 create mode 100644 orm_and_frontend/product/__pycache__/product_urls.cpython-312.pyc
 create mode 100644 orm_and_frontend/product/__pycache__/user_urls.cpython-312.pyc
 create mode 100644 orm_and_frontend/product/__pycache__/views.cpython-312.pyc
 create mode 100644 orm_and_frontend/product/admin.py
 create mode 100644 orm_and_frontend/product/apps.py
 create mode 100644 orm_and_frontend/product/migrations/0001_initial.py
 create mode 100644 orm_and_frontend/product/migrations/0002_alter_producttable_category.py
 create mode 100644 orm_and_frontend/product/migrations/0003_producttable_image.py
 create mode 100644 orm_and_frontend/product/migrations/0004_carttable.py
 create mode 100644
orm_and_frontend/product/migrations/0005_alter_carttable_pid_alter_carttable_uid.py
 create mode 100644 orm_and_frontend/product/migrations/0006_carttable_quantity.py
 create mode 100644 orm_and_frontend/product/migrations/0007_ordertable.py
 create mode 100644 orm_and_frontend/product/migrations/0008_customerdetails.py
 create mode 100644 orm_and_frontend/product/migrations/__init__.py
 create mode 100644
orm_and_frontend/product/migrations/__pycache__/0001_initial.cpython-312.pyc
 create mode 100644
orm_and_frontend/product/migrations/__pycache__/0002_alter_producttable_category.cpython-
312.pyc
 create mode 100644
orm_and_frontend/product/migrations/__pycache__/0003_producttable_image.cpython-312.pyc
 create mode 100644 orm_and_frontend/product/migrations/__pycache__/0004_carttable.cpython-
312.pyc
 create mode 100644
orm_and_frontend/product/migrations/__pycache__/0005_alter_carttable_pid_alter_carttable_uid
.cpython-312.pyc
 create mode 100644
orm_and_frontend/product/migrations/__pycache__/0006_carttable_quantity.cpython-312.pyc
 create mode 100644 orm_and_frontend/product/migrations/__pycache__/0007_ordertable.cpython-
312.pyc
 create mode 100644
orm_and_frontend/product/migrations/__pycache__/0008_customerdetails.cpython-312.pyc
 create mode 100644 orm_and_frontend/product/migrations/__pycache__/__init__.cpython-312.pyc
 create mode 100644 orm_and_frontend/product/models.py
 create mode 100644 orm_and_frontend/product/product_urls.py
 create mode 100644 orm_and_frontend/product/tests.py
 create mode 100644 orm_and_frontend/product/user_urls.py
 create mode 100644 orm_and_frontend/product/views.py
 create mode 100644 orm_and_frontend/static/css/product_style.css
```

```
      create mode 100644 orm_and_frontend/static/images/shirt.webp
      create mode 100644 orm_and_frontend/templates/product/cart.html
      create mode 100644 orm_and_frontend/templates/product/index.html
      create mode 100644 orm_and_frontend/templates/product/order.html
      create mode 100644 orm_and_frontend/templates/product/pay.html
      create mode 100644 orm_and_frontend/templates/product/product_detail.html
      create mode 100644 orm_and_frontend/templates/user/edit_profile.html
      create mode 100644 orm_and_frontend/templates/user/login.html
      create mode 100644 orm_and_frontend/templates/user/register.html
```

admin@pc-16 MINGW64 /c/TEJAS KASARE (Very imp folder)/my notes/hosted django project (master)
$ git remote add origin https://github.com/tejaskasare14/django_projects.git

admin@pc-16 MINGW64 /c/TEJAS KASARE (Very imp folder)/my notes/hosted django project (master)
$ git push -u origin master
Enumerating objects: 72, done.
Counting objects: 100% (72/72), done.
Delta compression using up to 4 threads
Compressing objects: 100% (67/67), done.
Writing objects: 100% (72/72), 64.85 KiB | 4.32 MiB/s, done.
Total 72 (delta 18), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (18/18), done.
To https://github.com/tejaskasare14/django_projects.git
 * [new branch]   master -> master
branch 'master' set up to track 'origin/master'.

7. Now go to github and refresh the page
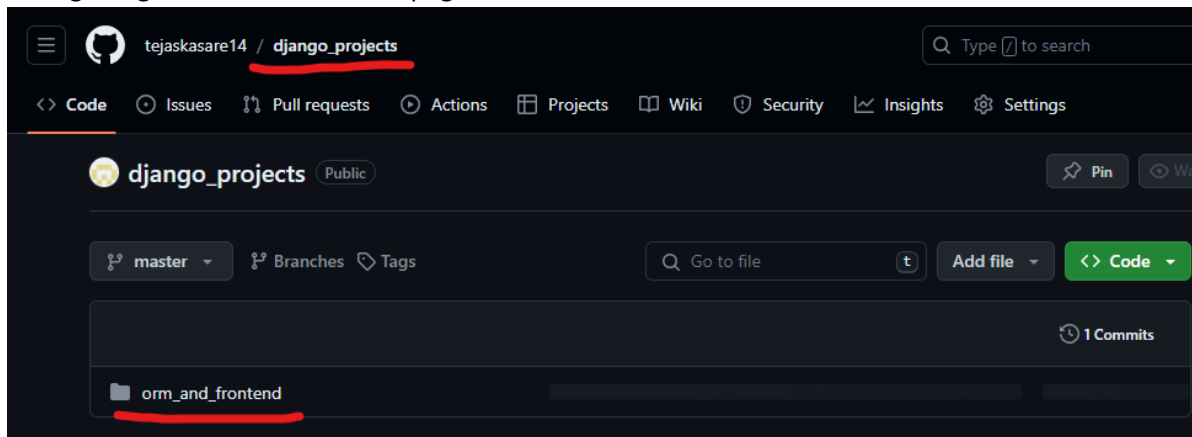
You will get your project on github, DONE!!!!!!!!!!!!

8. DEPLOYING PROJECT on pythonanywhere
   a. Check python and django version in your system

```
C:\Users\admin>python --version
Python 3.12.0

C:\Users\admin>python
Python 3.12.0 (tags/v3.12.0:0fb18b0, Oct  2 2023, 13:03:39) [MSC v.1935 64 bit (AMD64)] on win32

Type "help", "copyright", "credits" or "license" for more information.
>>> import django
>>> django.__version__
'4.2.6'
>>>
```

   b. Sign up on python anywhere
   c. Create virtual environment on pythonanywhere
      i. Open bash from pythonanywhere dashboard

Install virtual environment

```
09:37 ~ $ pip install virtualenv
Defaulting to user installation because normal site-packages is not writeable
Looking in links: /usr/share/pip-wheels
Requirement already satisfied: virtualenv in /usr/local/lib/python3.10/site-packages
 (20.15.1)
Requirement already satisfied: filelock<4,>=3.2 in /usr/local/lib/python3.10/site-pa
ckages (from virtualenv) (3.4.2)
Requirement already satisfied: distlib<1,>=0.3.1 in /usr/local/lib/python3.10/site-p
ackages (from virtualenv) (0.3.5)
Requirement already satisfied: platformdirs<3,>=2 in /usr/local/lib/python3.10/site-
packages (from virtualenv) (2.5.2)
Requirement already satisfied: six<2,>=1.9.0 in /usr/local/lib/python3.10/site-packa
ges (from virtualenv) (1.16.0)
09:39 ~ $ mkvirtualenv --python=python3.12.0 my_vr_env
RuntimeError: failed to find interpreter for Builtin discover of python_spec='python
3.12.0'
```

Creating virtual environment

```
09:39 ~ $ mkvirtualenv  my_vr_env



created virtual environment CPython3.10.5.final.0-64 in 119670ms
  creator CPython3Posix(dest=/home/tejaskasare14/.virtualenvs/my_vr_env, clear=False
, no_vcs_ignore=False, global=False)
  seeder FromAppData(download=False, pip=bundle, setuptools=bundle, wheel=bundle, vi
a=copy, app_data_dir=/home/tejaskasare14/.local/share/virtualenv)
    added seed packages: pip==22.1.2, setuptools==62.6.0, wheel==0.37.1
  activators BashActivator,CShellActivator,FishActivator,NushellActivator,PowerShell
Activator,PythonActivator

virtualenvwrapper.user_scripts creating /home/tejaskasare14/.virtualenvs/my_vr_env/b
in/predeactivate
virtualenvwrapper.user_scripts creating /home/tejaskasare14/.virtualenvs/my_vr_env/b
in/postdeactivate
virtualenvwrapper.user_scripts creating /home/tejaskasare14/.virtualenvs/my_vr_env/b
in/preactivate
virtualenvwrapper.user_scripts creating /home/tejaskasare14/.virtualenvs/my_vr_env/b
in/postactivate
virtualenvwrapper.user_scripts creating /home/tejaskasare14/.virtualenvs/my_vr_env/b
in/get_env_details
(my_vr_env) 09:42 ~ $
```

Installing Django

```
(my_vr_env) 09:42 ~ $ pip install -U django==4.2.6
Looking in links: /usr/share/pip-wheels
Collecting django==4.2.6
  Downloading Django-4.2.6-py3-none-any.whl (8.0 MB)
                                              8.0/8.0 MB 4.5 MB/s eta 0:00:00
Collecting asgiref<4,>=3.6.0
  Downloading asgiref-3.7.2-py3-none-any.whl (24 kB)
Collecting sqlparse>=0.3.1
  Downloading sqlparse-0.4.4-py3-none-any.whl (41 kB)
                                              41.2/41.2 kB 78.8 kB/s eta 0:00:00
Collecting typing-extensions>=4
  Downloading typing_extensions-4.9.0-py3-none-any.whl (32 kB)
Installing collected packages: typing-extensions, sqlparse, asgiref, django
```

Checking Django version

```
(my_vr_env) 10:10 ~ $ pip list
Package            Version
------------------ -------
asgiref            3.7.2
Django             4.2.6
pip                22.1.2
setuptools         62.6.0
sqlparse           0.4.4
typing_extensions  4.9.0
wheel              0.37.1
(my_vr_env) 10:11 ~ $
```

Cloning repository : go to giyhub and copy repository url
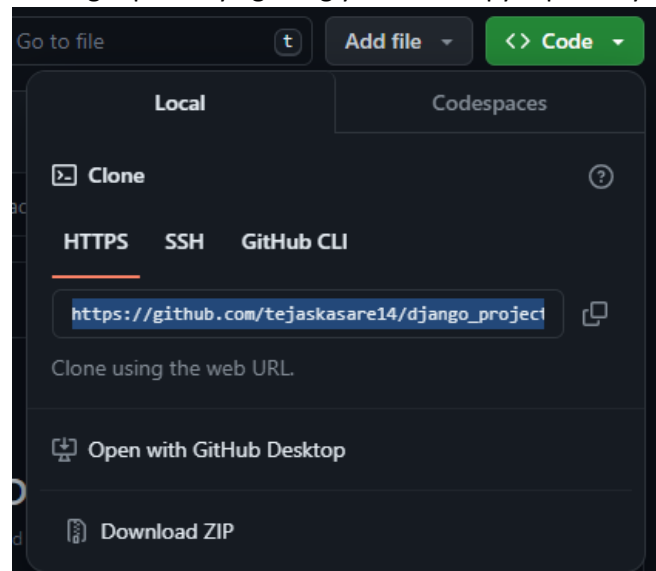
Cloning repositiory on pythonanywhere

```
(my_vr_env) 10:11 ~ $ git clone https://github.com/tejaskasare14/django_projects.git
Cloning into 'django_projects'...
remote: Enumerating objects: 72, done.
remote: Counting objects: 100% (72/72), done.
remote: Compressing objects: 100% (49/49), done.
remote: Total 72 (delta 18), reused 72 (delta 18), pack-reused 0
Unpacking objects: 100% (72/72), 64.83 KiB | 3.00 KiB/s, done.
Updating files: 100% (59/59), done.
(my_vr_env) 10:15 ~ $
```

Changing location to our project location

```
(my_vr_env) 10:15 ~ $ ls
README.txt   django_projects
(my_vr_env) 10:16 ~ $ cd
.cache/        .ipython/        .local/          .virtualenvs/     django_projects/
(my_vr_env) 10:16 ~ $ cd django_projects
(my_vr_env) 10:17 ~/django_projects (master)$ ls
orm_and_frontend
(my_vr_env) 10:17 ~/django_projects (master)$ cd orm_and_frontend
```

Installing mysqlclient

```
(my_vr_env) 10:18 ~/django_projects/orm_and_frontend (master)$ pip install mysqlclient
Looking in links: /usr/share/pip-wheels
Collecting mysqlclient
  Downloading mysqlclient-2.2.4.tar.gz (90 kB)
                                                    90.4/90.4 kB 215.0 kB/s eta 0:00:00
  Installing build dependencies ... done
  Getting requirements to build wheel ... done
  Installing backend dependencies ... done
  Preparing metadata (pyproject.toml) ... done
Building wheels for collected packages: mysqlclient
  Building wheel for mysqlclient (pyproject.toml) ... done
  Created wheel for mysqlclient: filename=mysqlclient-2.2.4-cp310-cp310-linux_x86_64.whl size=1322
53 sha256=8118af3d3326e3cf71ebdc37804dcd895815953b3a28d9d62f7d8e2deddc44a0
  Stored in directory: /home/tejaskasare14/.cache/pip/wheels/ac/96/ac/2a4d8cb58a4d95de1dffc3f8b0ea
42e0e5b63ab97640edbda3
Successfully built mysqlclient
Installing collected packages: mysqlclient
Successfully installed mysqlclient-2.2.4
```

Installing razorpay

```
(my_vr_env) 10:22 ~/django_projects/orm_and_frontend (master)$ pip install razorpay
Looking in links: /usr/share/pip-wheels
Collecting razorpay
  Downloading razorpay-1.4.1-py3-none-any.whl (172 kB)
                                                    172.9/172.9 kB 1.4 MB/s eta 0:00:00
Collecting requests
  Downloading requests-2.31.0-py3-none-any.whl (62 kB)
                                                    62.6/62.6 kB 65.5 kB/s eta 0:00:00
Collecting certifi>=2017.4.17
  Downloading certifi-2024.2.2-py3-none-any.whl (163 kB)
                                                    163.8/163.8 kB 538.1 kB/s eta 0:00:00
Collecting charset-normalizer<4,>=2
  Downloading charset_normalizer-3.3.2-cp310-cp310-manylinux_2_17_x86_64.manylinux2014_x86_64.whl
(142 kB)
                                                    142.1/142.1 kB 2.3 MB/s eta 0:00:00
Collecting urllib3<3,>=1.21.1
  Downloading urllib3-2.2.1-py3-none-any.whl (121 kB)
                                                    121.1/121.1 kB 470.8 kB/s eta 0:00:00
Collecting idna<4,>=2.5
  Downloading idna-3.6-py3-none-any.whl (61 kB)
                                                    61.6/61.6 kB 71.3 kB/s eta 0:00:00
Installing collected packages: urllib3, idna, charset-normalizer, certifi, requests, razorpay
Successfully installed certifi-2024.2.2 charset-normalizer-3.3.2 idna-3.6 razorpay-1.4.1 requests-
2.31.0 urllib3-2.2.1
```

Installing pillow

```
(my_vr_env) 10:23 ~/django_projects/orm_and_frontend (master)$ pip install pillow
Looking in links: /usr/share/pip-wheels
Collecting pillow
  Downloading pillow-10.2.0-cp310-cp310-manylinux_2_28_x86_64.whl (4.5 MB)
                                                    4.5/4.5 MB 7.9 MB/s eta 0:00:00
Installing collected packages: pillow
Successfully installed pillow-10.2.0
```

Creating mysql database in python anywhere

Creating new database

Use these settings in your web applications.

Database host address: tejaskasare14.mysql.pythonanywhere-services.com
Username: tejaskasare14

Since you have a free account, you will only be able to connect to your database
using code running inside PythonAnywhere.

Your databases:

Click a database's name to start a MySQL console logged in to it.

Name

tejaskasare14$default

Create a database

Your database names always start with your username + "$". There's no need to type that
prefix in below, though: PythonAnywhere will automatically add it.

Database name:

orm_and_frontend

Create

MySQL

Postgres

MySQL settings

Connecting:

Use these settings in your web applications.

Database host address: tejaskasare14.mysql.pythonanywhere-services.com
Username: tejaskasare14

Since you have a free account, you will only be able to connect to your database
using code running inside PythonAnywhere.

Your databases:

Click a database's name to start a MySQL console logged in to it.

Name

tejaskasare14$default

tejaskasare14$orm_and_frontend

Changing database details in settings.py

Click on files >

Directories

Enter new directory name		New directory

__pycache__/ 🗑

Files

Enter new file name, eg hello.py

📄 __init__.py	⬇ ✎ 🗑	2024-02-19 10:15	0 bytes
📄 asgi.py	⬇ ✎ 🗑	2024-02-19 10:15	409 bytes
📄 settings.py	⬇ ✎ 🗑	2024-02-20 08:21	3.5 KB
📄 urls.py	⬇ ✎ 🗑	2024-02-19 10:15	887 bytes
📄 wsgi.py	⬇ ✎ 🗑	2024-02-19 10:15	409 bytes

⊕ Upload a file

100MiB maximum size

Add following details in settings.py about our database

/home/tejaskasare14/django_projects/orm_and_frontend/orm_and_frontend/settings.py

```
72
73
74   # Database
75   # https://docs.djangoproject.com/en/4.2/ref/settings/#databases
76
77 ▼ DATABASES = {
78 ▼     'default': {
79           'ENGINE': 'django.db.backends.mysql',
80           'NAME': 'tejaskasare14$orm_and_frontend',
81           'USER':'tejaskasare14',
82           'PASSWORD':'admin@123',
83           'HOST':'tejaskasare14.mysql.pythonanywhere-services.com',
84       }
85   }
86
87
```

You have to add your database name, user, password and host.

You can find host and username as

Send feedback   Forums   Help   Blog   Account   Log out

pythonanywhere
by ANACONDA.

Dashboard   Consoles   Files   Web   Tasks   **Databases**

⚠ Warning You have not confirmed your email address yet. This means that you will not be able to reset your password if you lose it. If you cannot find your confirmation email anymore, send yourself a new one here.

MySQL

Postgres

MySQL settings

Connecting:
Use these settings in your web applications.

Database host address:	tejaskasare14.mysql.pythonanywhere-services.com
Username:	tejaskasare14

Open console > bash and do migrations :

```
08:24 ~ $ workon my_vr_env ─────────
(my_vr_env) 08:24 ~ $ ls ─────────
README.txt  django_projects
(my_vr_env) 08:24 ~ $ cd django_projects─────────
(my_vr_env) 08:24 ~/django_projects (master)$ ls ─────────
orm_and_frontend
(my_vr_env) 08:24 ~/django_projects (master)$ cd orm_and_frontend ─────────
(my_vr_env) 08:24 ~/django_projects/orm_and_frontend (master)$ python manage.py makemigrations ─────────
No changes detected
(my_vr_env) 08:25 ~/django_projects/orm_and_frontend (master)$ python manage.py migrate ─────────
System check identified some issues:

WARNINGS:
?: (mysql.W002) MySQL Strict Mode is not set for database connection 'default'
        HINT: MySQL's Strict Mode fixes many data integrity problems in MySQL, such as data truncation upon insertion, by escalating warnings into e
rrors. It is strongly recommended you activate it. See: https://docs.djangoproject.com/en/4.2/ref/databases/#mysql-sql-mode
Operations to perform:
  Apply all migrations: admin, auth, contenttypes, product, 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 auth.0012_alter_user_first_name_max_length... OK
  Applying product.0001_initial... OK
  Applying product.0002_alter_producttable_category... OK
  Applying product.0003_producttable_image... OK
  Applying product.0004_carttable... OK
  Applying product.0005_alter_carttable_pid_alter_carttable_uid... OK
```

Open Mysql console

```
mysql> show databases; ─────────
+--------------------------------+
| Database                       |
+--------------------------------+
| information_schema             |
| performance_schema             |
| tejaskasare14$default          |
| tejaskasare14$orm_and_frontend ├────────────
+--------------------------------+
4 rows in set (0.01 sec)

mysql> use tejaskasare14$orm_and_frontend; ─────────
Database changed
mysql> show tables;
+-----------------------------------------+
| Tables_in_tejaskasare14$orm_and_frontend |
+-----------------------------------------+
| auth_group                              |
| auth_group_permissions                  |
| auth_permission                         |
| auth_user                               |
| auth_user_groups                        |
| auth_user_user_permissions              |
| django_admin_log                        |
| django_content_type                     |
| django_migrations                       |
| django_session                          |
| product_carttable                       |
| product_customerdetails                 |
| product_ordertable                      |
| product_producttable                    |
+-----------------------------------------+
14 rows in set (0.00 sec)

mysql> █
```

Making project live

python anywhere
by ANACONDA.

Dashboard   Consoles   Files   **Web**   Tasks   Databases

Warning You have not confirmed your email address yet. This means that you will not be able to reset your password if you lose it. If you cannot find your confirmation email anymore, send yourself a new one here.

⊕ Add a new web app

You have no web apps

To create a PythonAnywhere-hosted web app, click the "Add a new web app" button to the left.

⊕ Add a new web app

Create new web app   ✖

Your web app's domain name

Your account doesn't support custom domain names, so your PythonAnywhere web app will live at tejaskasare14.pythonanywhere.com.

Want to change that? Upgrade now!

Otherwise, just click "Next" to continue.

Cancel   « Back   Next »

Add a new web app

Create new web app ✖

Select a Python Web framework

...or select "Manual configuration" if you want detailed control.

» Django
» web2py
» Flask
» Bottle
» **Manual configuration** (including virtualenvs) *4*

What other frameworks should we have here? Send us some feedback using the link at the top of the page!

Cancel   « Back   Next »

Add a new web app

Create new web app ✖

Select a Python version

» Python 2.7
» Python 3.6
» Python 3.7
» Python 3.8
» Python 3.9
» Python 3.10 *5*

Cancel   « Back   Next »

Add a new web app

Create new web app ✕

Manual Configuration

Manual configuration involves editing your own WSGI configuration file in `/var/www/`. Usually this imports a WSGI-compatible application which you've stored elsewhere

When you click "Next", we will create a WSGI file for you, including a simple "Hello World" app which you can use to get started, as well as some comments on how to use other frameworks.

You will also be able to specify a *virtualenv* to use for your app.

6

Cancel   « Back   Next »

---

tejaskasare14.pythonanywhere.com

Add a new web app

Configuration for
tejaskasare14.pythonanywhere.com ✓

Reload:

⟳ Reload tejaskasare14.pythonanywhere.com

Best before date:

We're happy to host your free website – and keep it free -- for as long as you want to keep it running, but you'll need to log in at least once every three months and click the "Run until 3 months from today" button below. We'll send you an email a week before the site is disabled so that you don't forget to do that. See here for more details.

This site will be disabled on **Monday 20 May 2024**

Run until 3 months from today

Paying users' sites stay up forever without any need to log in to keep them running.

Scroll down, you will get –

Code:

What your site is running.

Source code:	*Enter the path to your web app source code*
Working directory:	/home/tejaskasare14/ →Go to directory
WSGI configuration file:	/var/www/tejaskasare14_pythonanywhere_com_wsgi.py
Python version:	3.10 ✏

Virtualenv:

Use a virtualenv to get different versions of flask, django etc from our default system ones. More info here. You need to **Reload your web app** to activate it; NB - will do nothing if the virtualenv does not exist.

Enter path to a virtualenv, if desired

Log files:

The first place to look if something goes wrong.

Access log:	tejaskasare14.pythonanywhere.com.access.log
Error log:	tejaskasare14.pythonanywhere.com.error.log
Server log:	tejaskasare14.pythonanywhere.com.server.log

Log files are periodically rotated. You can find old logs here: /var/log

Here we have to provide 2 paths

1. Source code path

Code:

What your site is running.

Source code:	/home/tejaskasare14/django_projects/orm_and_frontend →Go to directory
Working directory:	/home/tejaskasare14/ →Go to directory
WSGI configuration file:	/var/www/tejaskasare14_pythonanywhere_com_wsgi.py
Python version:	3.10 ✏

2. Virtual environment path

Click on reload button

Enter url and check for output

Change default page to our page

1. Click on WSGI

Code:

What your site is running.

Source code: /home/tejaskasare14/django_projects/orm_and_frontend ➦Go to directory

Working directory: /home/tejaskasare14/ ➦Go to directory

WSGI configuration file: /var/www/tejaskasare14_pythonanywhere_com_wsgi.py

Python version: 3.10 ✏

2. Remove all code from tejaskasare14_pythonanywhere_com_wsgi.py file and add following

/var/www/tejaskasare14_pythonanywhere_com_wsgi.py

```
1
2  import os
3  import sys
4
5  path = '/home/tejaskasare14/django_projects/orm_and_frontend'
6  if path not in sys.path:
7      sys.path.append(path)
8
9  os.chdir(path)
10 os.environ.setdefault('DJANGO_SETTINGS_MODULE','orm_and_frontend.settings')
11
12 from django.core.wsgi import import get_wsgi_application
13 application = get_wsgi_application()
14
```

Save file and click on reload button

tejaskasare14.pythonanywhere.com

➕ Add a new web app

Configuration for
tejaskasare14.pythonanywhere.com

Reload:

↻ Reload tejaskasare14.pythonanywhere.com ✓

Open url and check for output   - you will get disallowed host error

DisallowedHost at /   ✕   +

← → C   🔒 tejaskasare14.pythonanywhere.com

DisallowedHost at /

Invalid HTTP_HOST header: 'tejaskasare14.pythonar

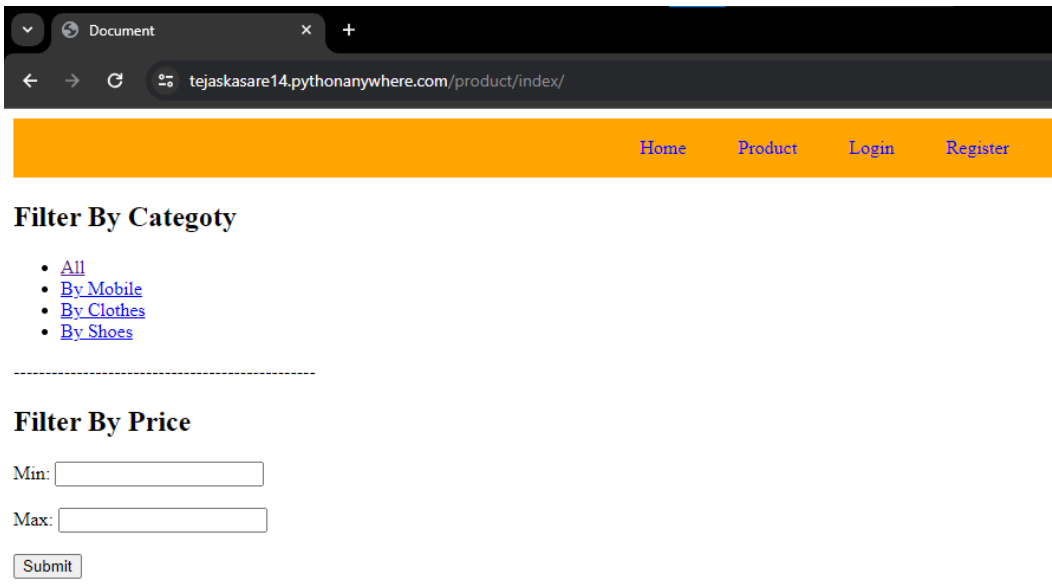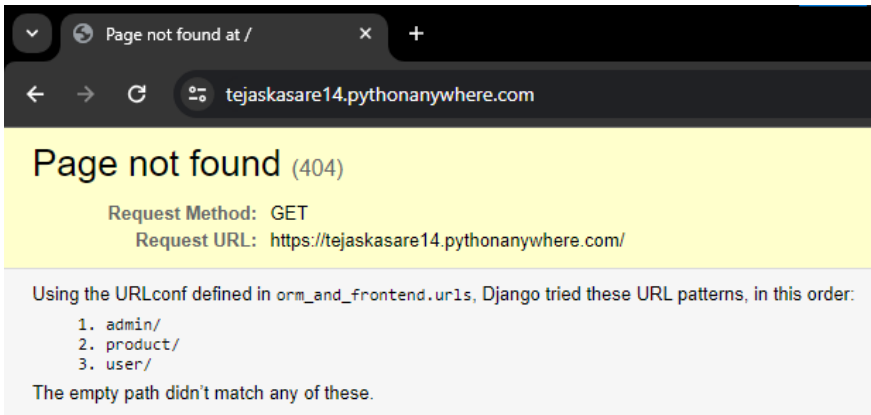|	
Request Method:	GET
Request URL:	https://tejaskasare14.pythonanywhere.com/
Django Version:	4.2.6
Exception Type:	DisallowedHost
Exception Value:	Invalid HTTP_HOST header: 'tejaskasare14.pythonany
Exception Location:	/home/tejaskasare14/.virtualenvs/my_vr_env/lib/py
Python Executable:	/usr/local/bin/uwsgi
Python Version:	3.10.5

3. Solving disallowed host error
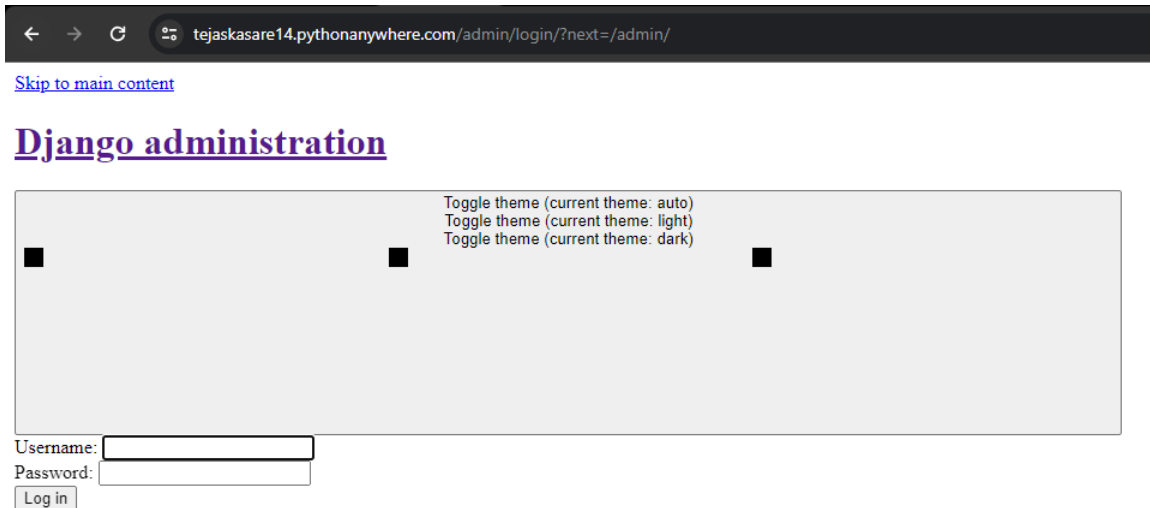   a. Go to settings.py and add following


```
18
19   # Quick-start development settings - unsuitable for production
20   # See https://docs.djangoproject.com/en/4.2/howto/deployment/checklist/
21
22   # SECURITY WARNING: keep the secret key used in production secret!
23   SECRET_KEY = 'django-insecure-i#bm8c6g1zb^i74s7d9ygi+!(v9*27u5-*yz5m7hku68$4231_'
24
25   # SECURITY WARNING: don't run with debug turned on in production!
26   DEBUG = True
27
28   ALLOWED_HOSTS = ['tejaskasare14.pythonanywhere.com']
29
30
31   # Application definition
```

   b. Reload and refresh url

Page not found (404)

Request Method: GET
Request URL: https://tejaskasare14.pythonanywhere.com/

Using the URLconf defined in `orm_and_frontend.urls`, Django tried these URL patterns, in this order:

1. admin/
2. product/
3. user/

The empty path didn't match any of these.

Home   Product   Login   Register

Filter By Categoty

- All
- By Mobile
- By Clothes
- By Shoes

Filter By Price

Min: [   ]

Max: [   ]

[Submit]
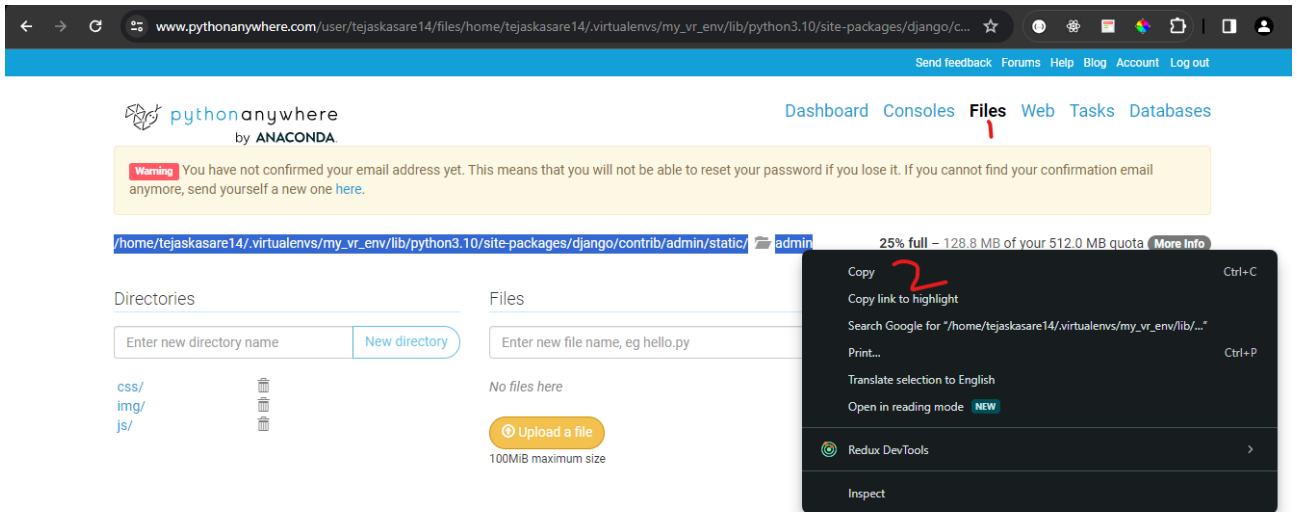---

4. Accssing admin panel
   You can also open admin panel

   Style is not applied since we haven't provided static files
5. Providing static files to access css or js and other files
   a. Static files for admin

   b. Linking our Static folder

Static files:

Files that aren't dynamically generated by your code, like CSS, JavaScript or uploaded files, can be served much faster straight off the disk if you specify them here. You need to **Reload your web app** to activate any changes you make to the mappings below.

URL	Directory	Delete
/static/admin	/home/tejaskasare14/.virtualenvs/my_vr_env/lib/python3.10/site-packages/django/contrib/admin/static/admin	🗑
/static	/home/tejaskasare14/django_projects/orm_and_frontend/static	🗑
Enter URL	Enter path	

c.

Click on reload button

Check admin url
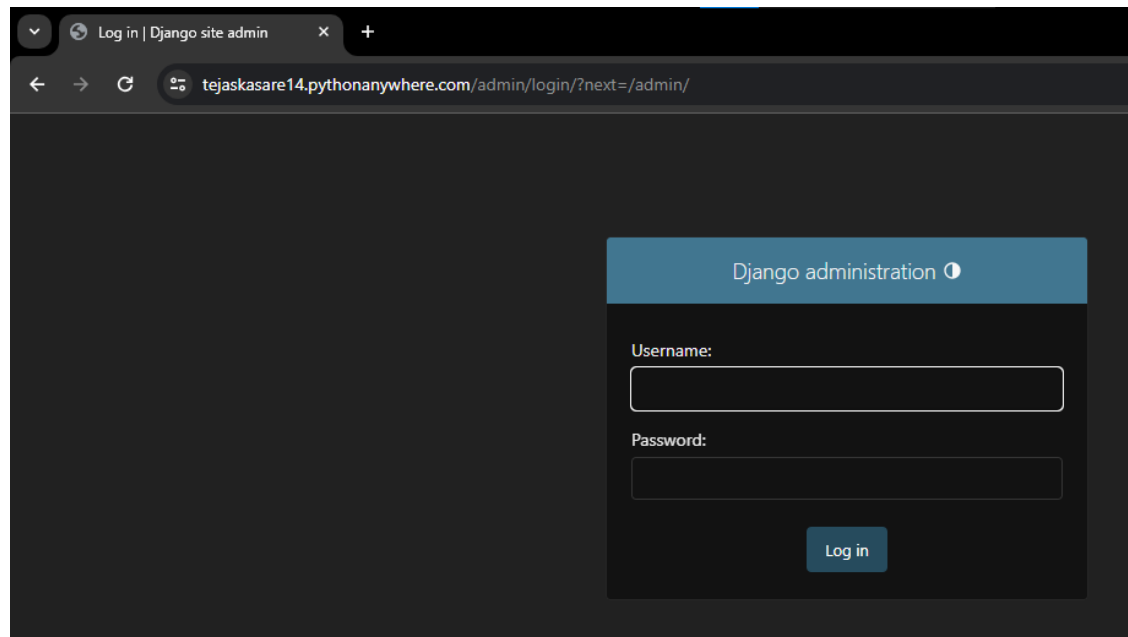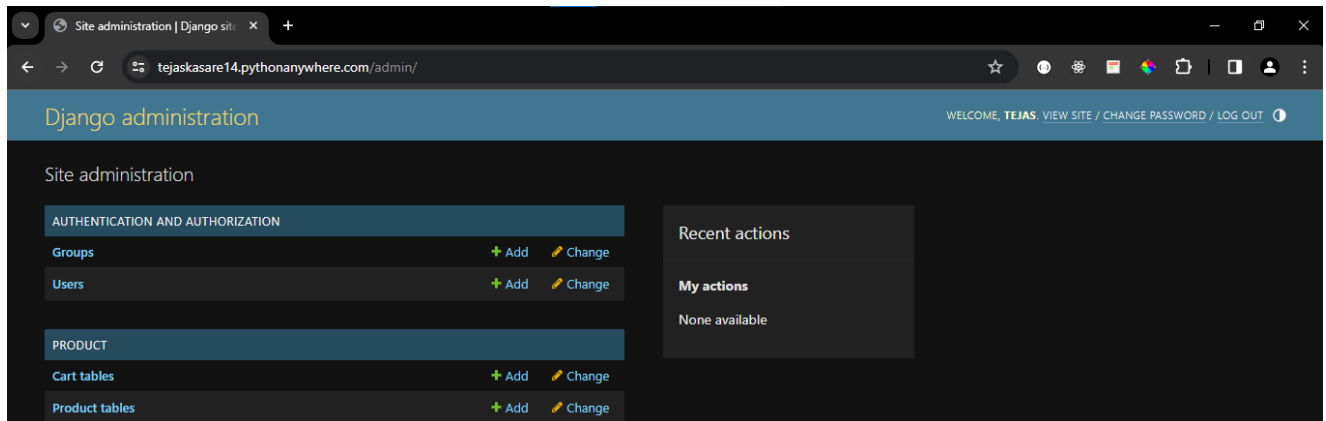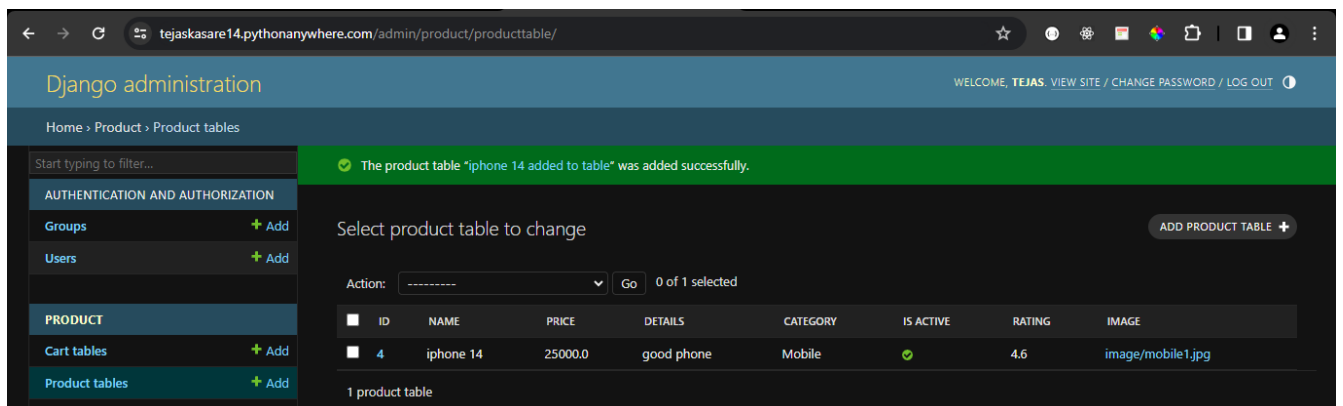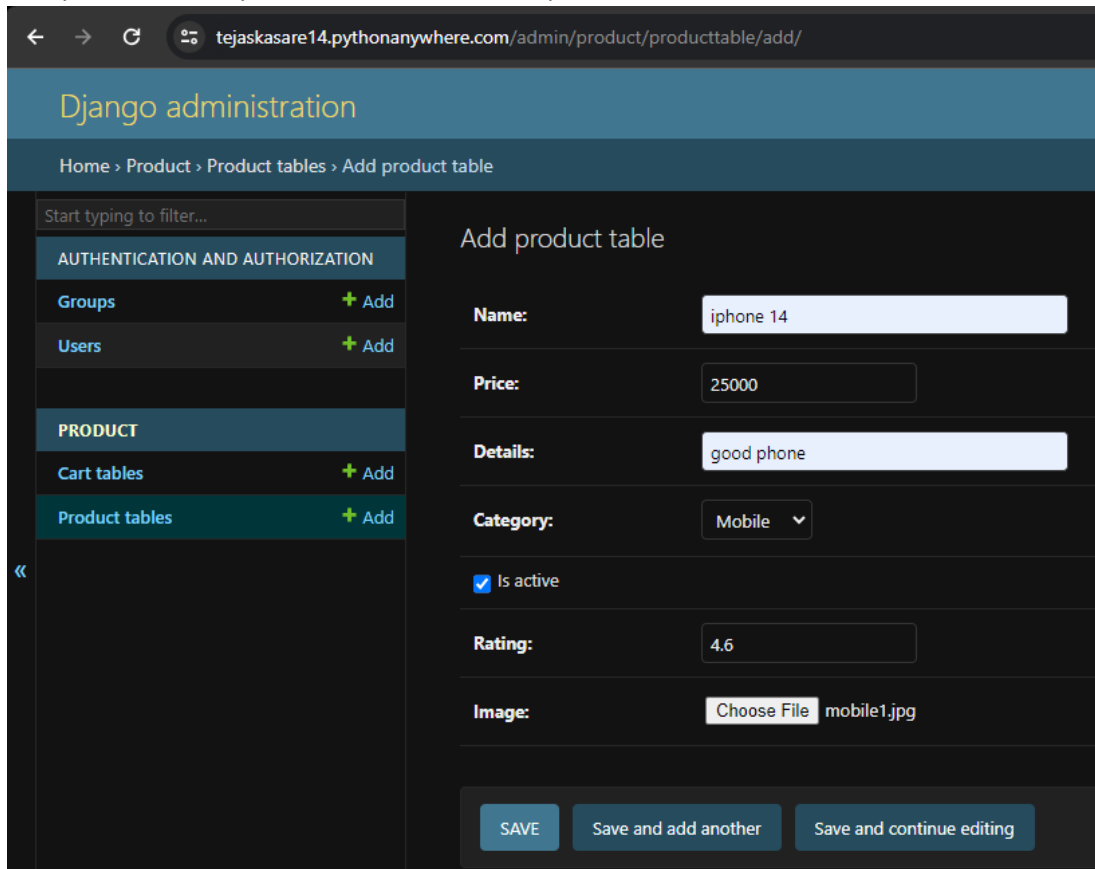

d.

6. Creating super user

tejas – admin@123

7. Access admin panel using super user credentials

8. Add product inside product table from adminpanel

9. Lets check same data on index page
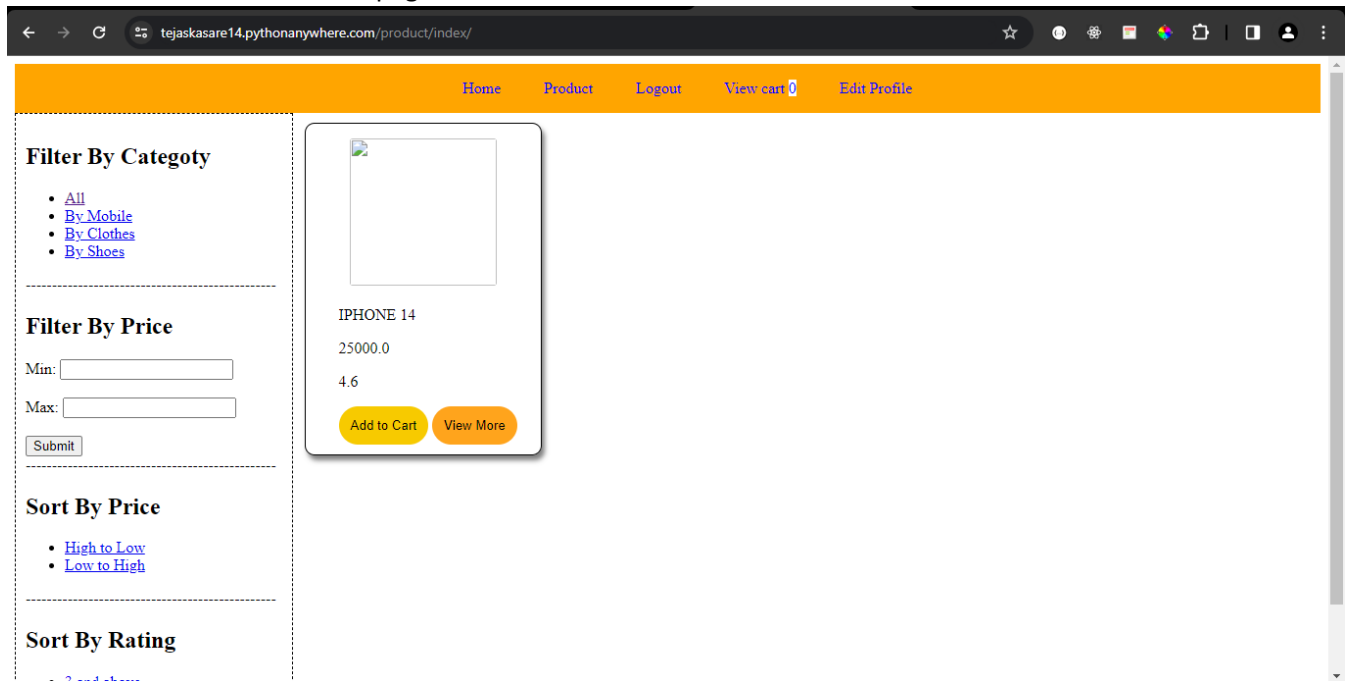
Image not getting. Lets solve this

10. Displaying images in python anywhere
Add media folder path :

Static files:

Files that aren't dynamically generated by your code, like CSS, JavaScript or uploaded files, can be served much faster straight off the disk if you specify them here. You need to **Reload your web app** to activate any changes you make to the mappings below.

URL	Directory	Delete
/static/admin	/home/tejaskasare14/.virtualenvs/my_vr_env/lib/python3.10/site-packages/django/contrib/admin/static/admin	🗑
/static	/home/tejaskasare14/django_projects/orm_and_frontend/static	🗑
/media/	/home/tejaskasare14/django_projects/orm_and_frontend/media	🗑
Enter URL	Enter path	

```
 95 ▾          <div class="by_rating">
 96              <h2>Sort By Rating</h2>
 97 ▾          <ul>
 98                  <li><a href="/product/rating/3">3 and above</a></li>
 99                  <li><a href="/product/rating/4">4 and above</a></li>
100            </ul>
101          </div>
102  <div>--------------------------------------</div>
103        </div>
104 ▾    <div class="product_area">
105          {% for product in products %}
106 ▾        <div class="card">
107 ▾          <div class="card-items">
108                <!-- <img src="{% static 'images/shirt.webp' %}" alt=""> -->
109
110              <img src="{{product.image.url}}" alt="">
111 ▾            <div class="card-text">
112                  <p>{{product.name|upper}}</p>
113                  <p>{{product.price}}</p>
114                  <p>{{product.rating}}</p>
115                  <button id="add_to_cart_btn"><a href="/product/add_to_cart
116                  <button id="buy_now_btn"><a href="/product/product_detail/
```

```
  7          <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/cs
  8      </head>
  9 ▾    <body>
 10 ▾      <div class="container mt-5">
 11 ▾        <div class="row">
 12 ▾          <div class="col-8">
 13                <h1>Shopping Cart</h1>
 14                <hr>
 15              {% for product in products %}
 16 ▾            <div class="row">
 17 ▾              <div class="col-4">
 18                  <img src="{{product.pid.image.url}}" alt="">
 19                </div>
 20
```

```
 15 ▾          <thead>
 16 ▾            <tr  class="text-center">
 17                <th scope="col">IMAGE</th>
 18                <th scope="col">PRODUCT</th>
 19                <th scope="col">PRICE</th>
 20                <th scope="col">QANTITY</th>
 21                <th scope="col">TOTAL</th>
 22            </tr>
 23          </thead>
 24 ▾        <tbody>
 25            {% for product in products %}
 26 ▾          <tr class="text-center">
 27 ▾            <th scope="row">
 28                <img src="{{product.pid.image.url}}" alt="" height="100px" width="100px">
 29              </th>
 30              <td><p>{{product.pid.name}}</p></td>
 31              <td><p><span>&#8377;</span> {{product.pid.price}}</p></td>
```

```
 1   <!DOCTYPE html>
 2 ▾ <html lang="en">
 3       {% load static %}
 4 ▾ <head>
 5       <meta charset="UTF-8">
 6       <meta name="viewport" content="width=device-width, initial-scale=1.0">
 7       <title>Document</title>
 8       <link rel="stylesheet" href="{% static 'css/product_style.css' %}">
 9   </head>
10 ▾ <body>
11 ▾     <div class="card">
12 ▾         <div class="card-items">
13             <!-- <img src="{% static 'images/shirt.webp' %}" alt=""> -->
14             <img src="{{product.image.url}}" alt="">
15 ▾         <div class="card-text">
16                 <p>{{product.name|upper}}</p>
17                 <p>{{product.details}}</p>
18                 <p>{{product.price}}</p>
19                 <p>{{product.rating}}</p>
```

11. While coding I observed that the total price is not changing with quantity so I have made following changes in view_cart() view –

```
def view_cart(request):
    data ={}
    user_id=request.user.id
    user=User.objects.get(id = user_id)
    id_specific_cartitems=CartTable.objects.filter(uid=user_id)
    data['products']=id_specific_cartitems
    data['user']=user
    #couting total items in cart
    count=id_specific_cartitems.count()
    #data['cart_count']=count
    #couting total price of cart
    total_price = 0
    total_quantity=0
    for item in id_specific_cartitems:
        #print(item.pid.price)
        #total_price+=item.pid.price
        #total_price=(total_price+item.pid.price)*(item.quantity)
        total_price=total_price+(item.pid.price*item.quantity)
        total_quantity+=item.quantity
    data['total_price']=total_price
    data['cart_count']=total_quantity
```

I have made this changes on server as well as on my computer – local project
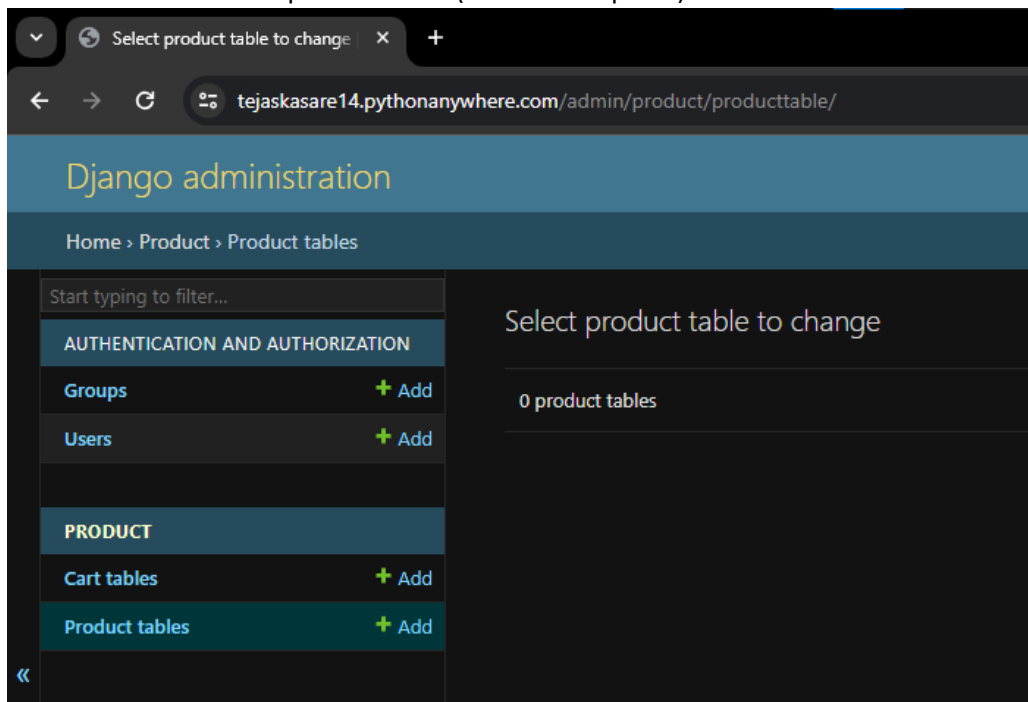
DONE!!!!!!!!!!

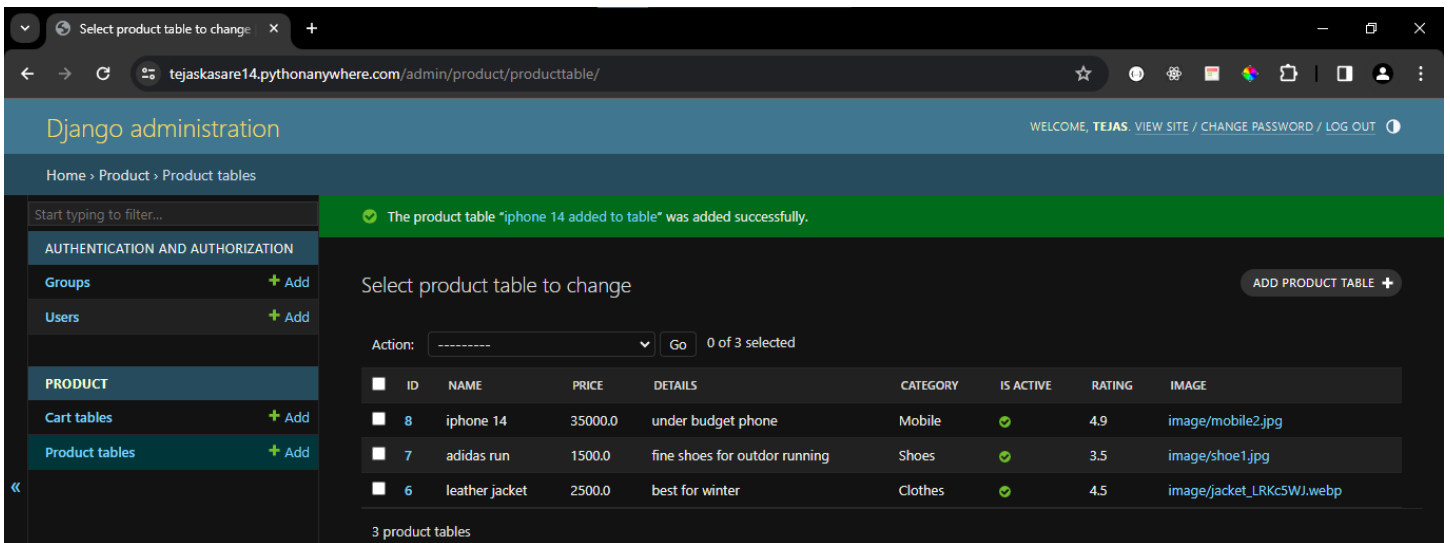12. Lets do everything from first
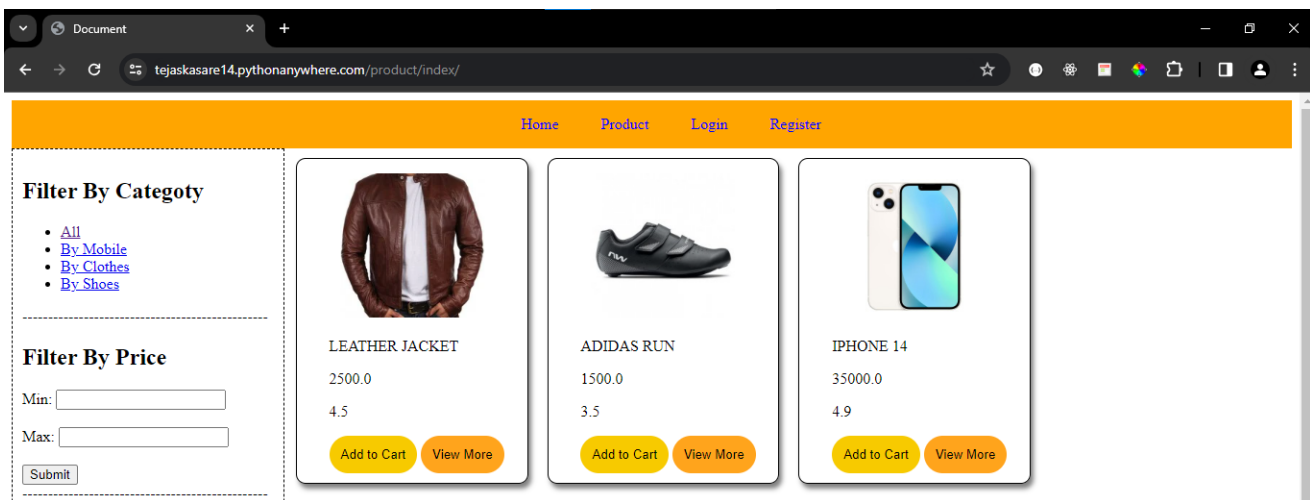   a. Connect to admin page with superuser
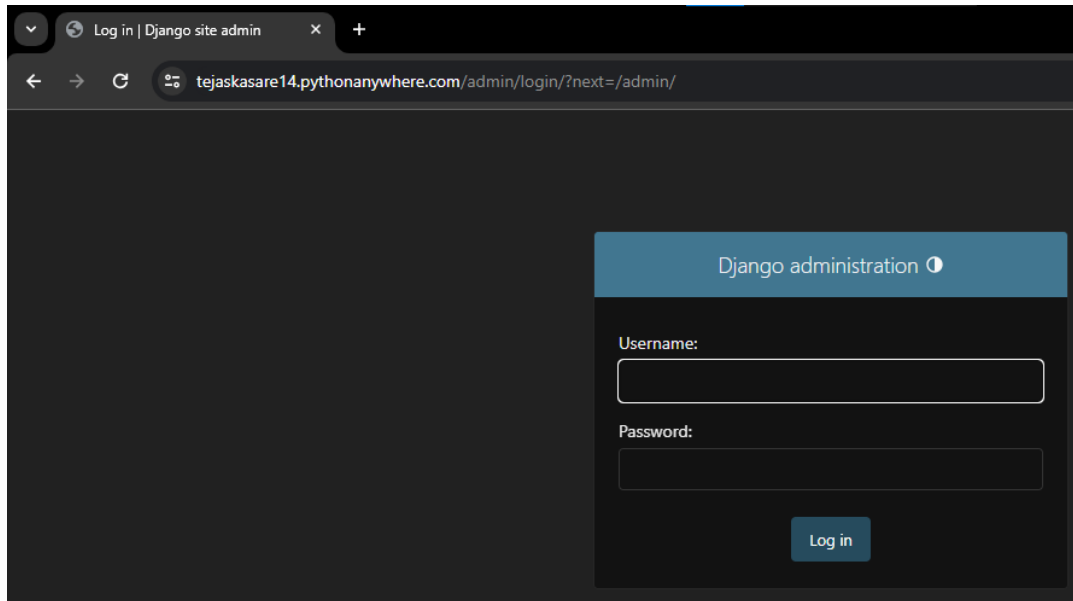
   b. Delete all records from product table (from admin panel) if available

   c. Add 3-4 products from admin panel

> d. Log out from admin panel
> e. Go to website url and check you are getting all products

> f. After this we (me and students) have checked all functionalities and they are working fine up to payment

DONE ☺