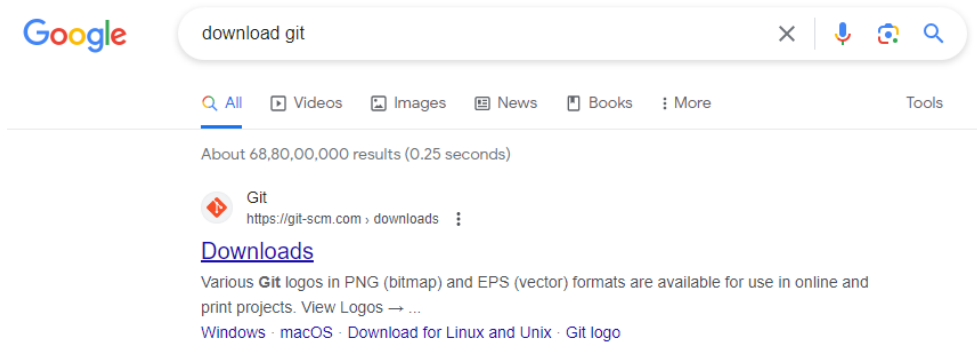
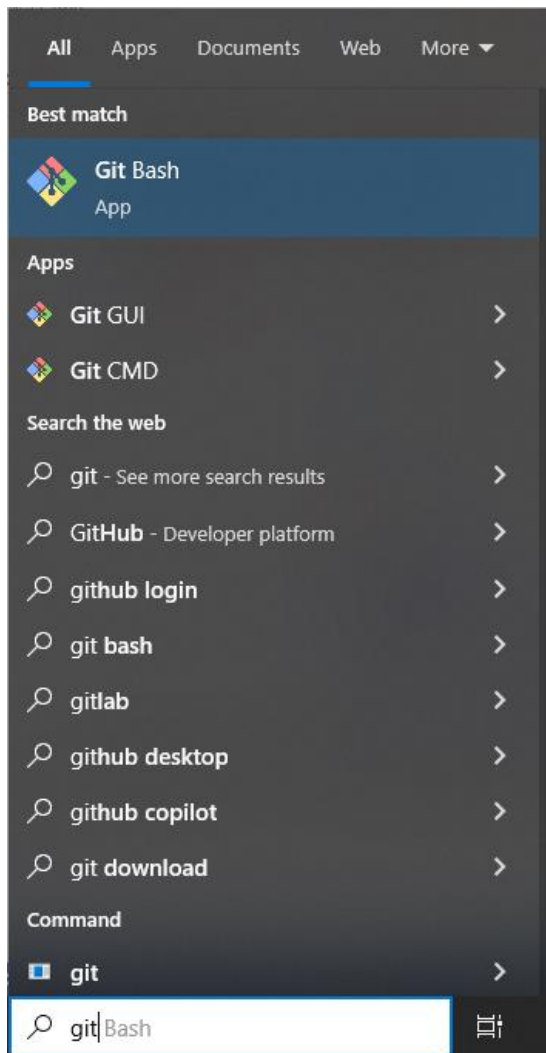


1. Download git and install it



Download it and install it by clicking next

2. Go to window search and search for




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


Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

Required fields are marked with an asterisk (*).

Owner * Repository name *

 tejaskasare14 /

 django_projects is available.

Great repository names are short and memorable. Need inspiration? How about [verbose-octo-winner](#) ?

Description (optional)

☒ **Public**
Anyone on the internet can see this repository. You choose who can commit.

☐ **Private**
You choose who can see and commit to this repository.

Initialize this repository with:

☐ **Add a README file**
This is where you can write a long description for your project. [Learn more about READMEs.](#)

Add .gitignore


.gitignore template: **None**

Choose which files not to track from a list of templates. [Learn more about ignoring files.](#)

Choose a license

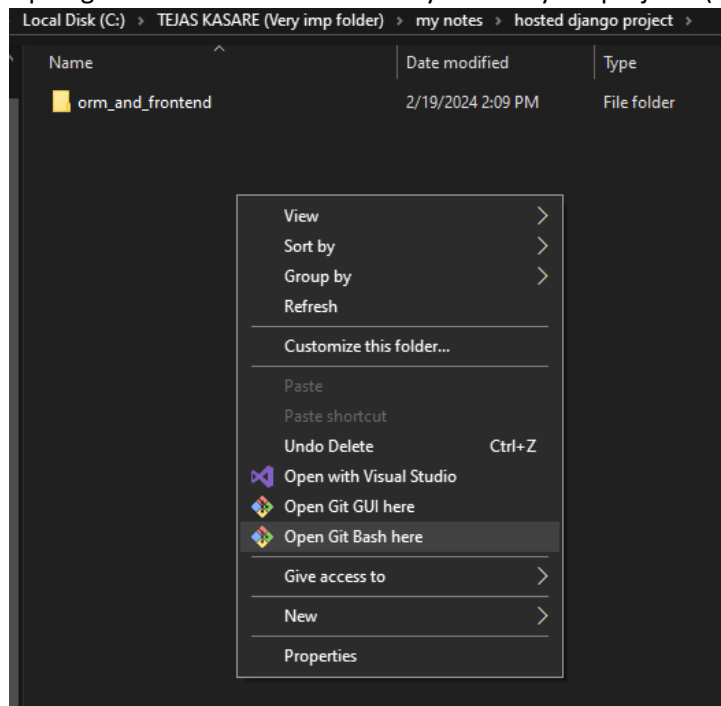
License: **None**

A license tells others what they can and can't do with your code. [Learn more about licenses.](#)

 You are creating a public repository in your personal account.

[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 "initial project uploaded"
[master (root-commit) 8b5e815] initial 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
```

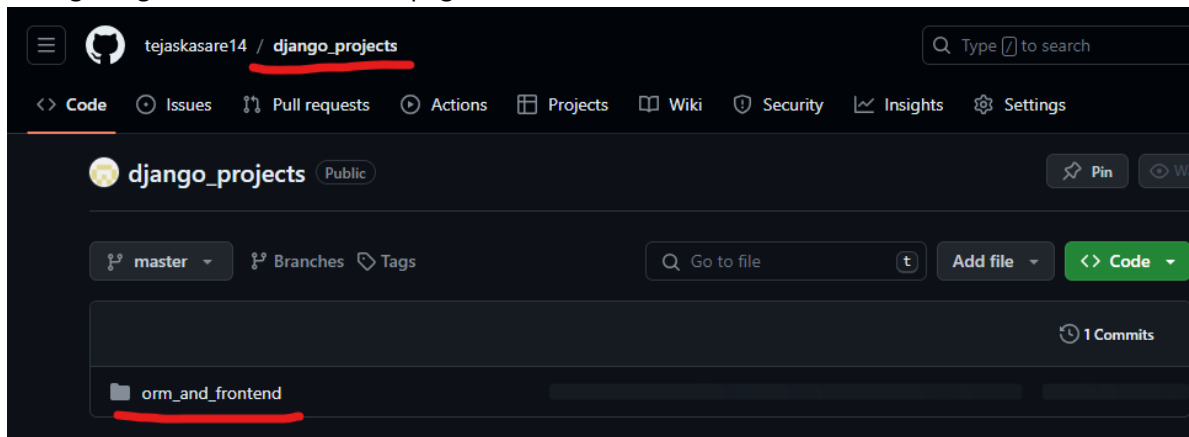
```
create mode 100644 orm_and_frontend/static/images/shirt.webp
create mode 100644 orm_and_frontend/templates/product/cart.html
create mode 100644 orm_and_frontend/templates/product/index.html
create mode 100644 orm_and_frontend/templates/product/order.html
create mode 100644 orm_and_frontend/templates/product/pay.html
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

- 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'
>>>
```

- Sign up on python anywhere
- Create virtual environment on pythonanywhere
 - Open bash from pythonanywhere dashboard

www.pythonanywhere.com/user/tejaskasare14/

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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](#).

Dashboard

Welcome, [tejaskasare14](#)

CPU Usage: 0% used – 0.00s of 100s. Resets in 23 hours, 59 minutes [More Info](#)

File storage: 0% full – 60.0 KB of your 512.0 MB quota [More Info](#)

[Upgrade Account](#)

Recent Consoles

+ 5 -

You have no recent consoles.

New console:

\$ Bash >>> Python > More...

Recent Files

+ 5 -

You have no recently edited files.

[+ Open another file](#) [Browse files](#)

Recent Notebooks

+ 5 -

Your account does not support Jupyter Notebooks. [Upgrade your account](#) to get access!

All Web apps

You don't have any web apps.

[Open Web tab](#)

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-packages (from virtualenv) (3.4.2)
Requirement already satisfied: distlib<1,>=0.3.1 in /usr/local/lib/python3.10/site-packages (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-packages (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 ~ $
```

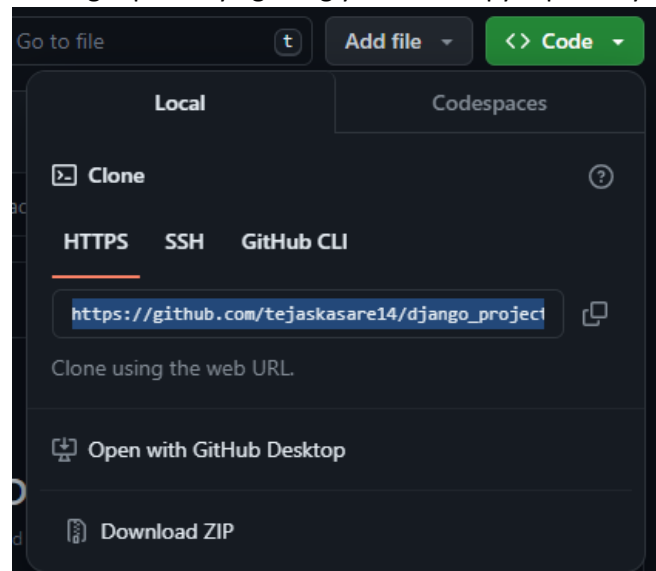
Installing Django

```
(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 repository 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/2a4d8cb58a4d95de1dff3f8b0ea
42e0e5b63ab97640edbd3
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

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

Initialize MySQL

Let's get started! The first thing to do is to initialize a MySQL server:








Enter a new password in the form below, and note it down: you'll need it to access the databases once you've created them. You will only need to do this once.

New password:


Confirm password:

Initialize MySQL


This should be different to your main PythonAnywhere password, because it is likely to appear in plain text in any web applications you write.

← → ↻ www.pythonanywhere.com/user/tejaskasare14/databases/       

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 pythonanywhere
by ANACONDA

[Dashboard](#) [Consoles](#) [Files](#) [Web](#) [Tasks](#) [Databases](#)

Your MySQL service is now ready. Details below. 

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

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

Creating new database

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](#)

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:

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 >

pythonanywhere

by ANACONDA

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](#).

Dashboard

Consoles

Files

Web

Tasks

Databases

/home/ tejasasare14

Open Bash console here

25% full – 128.7 MB of your 512.0 MB quota

More info

Directories

Enter new directory name

New directory

.cache/

.python/

.local/

.virtualenvs/

django_projects/

Files

Enter new file name, eg hello.py

New file

.bashrc

2024-02-19 09:24

560 bytes

.gitconfig

2024-02-19 09:24

266 bytes

.my.cnf

2024-02-19 10:31

33 bytes

.profile

2024-02-19 09:24

79 bytes

.pythonstartup.py

2024-02-19 09:24

77 bytes

.vimrc

2024-02-19 09:24

4.6 KB

README.txt

2024-02-19 09:24

232 bytes

Upload a file

100MiB maximum size

Directories

Enter new directory name

New directory

.git/

orm_and_frontend/

Directories

Enter new directory name

New directory

media/

orm_and_frontend/

product/

static/

templates/

2

3

4

Directories

New directory

[_pycache_](#)



5 -

Files

[__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

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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

} 2

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 errors. 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

Send feedbackForumsHelpBlogAccountLog out

pythonanywhere
by ANACONDA


DashboardConsolesFiles**Web**TasksDatabases

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

« BackNext »

➕ 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](#) **1**
Working directory: [/home/tejaskasare14/](#) [Go to directory](#)
WSGI configuration file: [/var/www/tejaskasare14_pythonanywhere_com_wsgi.py](#)
Python version: 3.10 [Pencil icon](#)

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](#) **2**

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

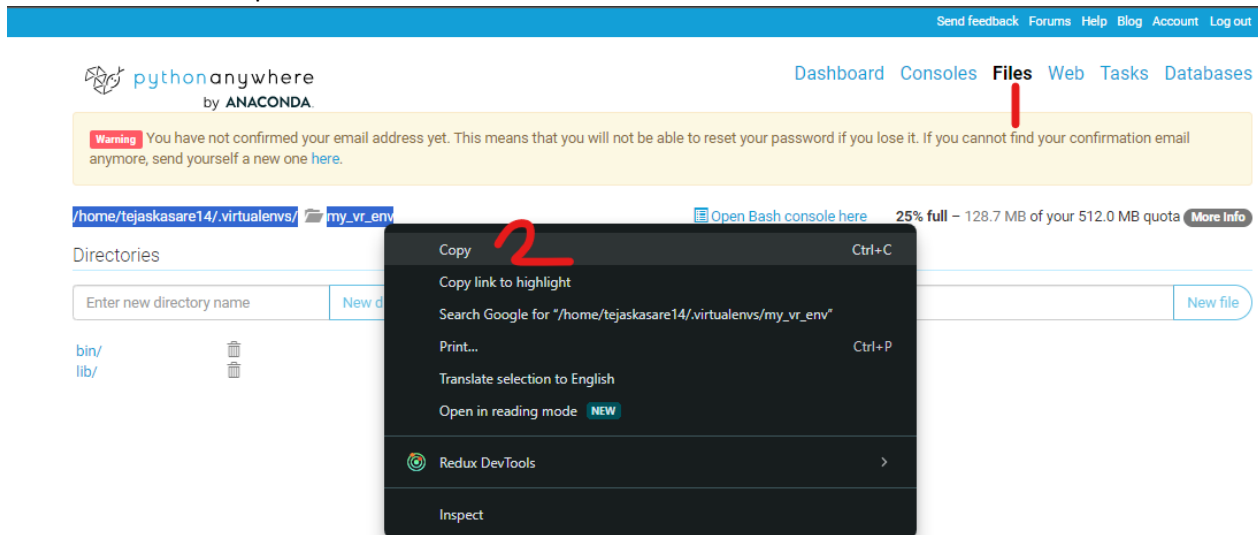
The screenshot shows the PythonAnywhere dashboard. At the top, there's a navigation bar with links: Send feedback, Forums, Help, Blog, Account, Log out. Below that, the dashboard title 'pythonanywhere by ANACONDA' is visible. A warning message states: 'Warning You have not confirmed your email address 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.' The main content area shows the current directory path as '/home/tejaskasare14/django_projects/' and a list of subdirectories: 'media/', 'orm_and_frontend/', 'product/', 'static/', and 'templates/'. A context menu is open over the 'orm_and_frontend' directory, with the 'Copy' option highlighted by a red '2'. The context menu also includes options like 'Copy link to highlight', 'Search Google for "/home/tejaskasare14/django_projects/..."', 'Print...', 'Translate selection to English', 'Open in reading mode NEW', 'Redux DevTools', and 'Inspect'.

Code:

What your site is running.

Source code: [/home/tejaskasare14/django_projects/orm_and_frontend](#) [Go to directory](#) **3**
Working directory: [/home/tejaskasare14/](#) [Go to directory](#)
WSGI configuration file: [/var/www/tejaskasare14_pythonanywhere_com_wsgi.py](#)
Python version: 3.10 [Pencil icon](#)

2. Virtual environment path



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.

/home/tejaskasare14/.virtualenvs/my_vr_env

[Start a console in this virtualenv](#)

✓3

Click on reload button

tejaskasare14.pythonanywhere.com

[Add a new web app](#)

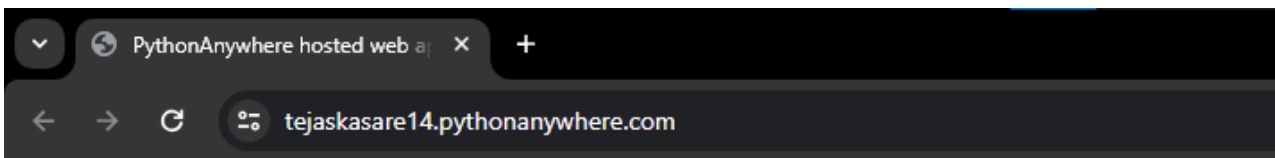
Configuration for
tejaskasare14.pythonanywhere.com

Reload:

[Reload tejaskasare14.pythonanywhere.com](#)

✓

Enter url and check for output



Hello, World!

This is the default welcome page for a [PythonAnywhere](#) hosted web application.

Find out more about how to configure your own web application by visiting the [web app setup](#) page

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 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 /

Invalid HTTP_HOST header: 'tejaskasare14.pythonanywhere.com'

Request Method: GET

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

Django Version: 4.2.6

Exception Type: DisallowedHost

Exception Value: Invalid HTTP_HOST header: 'tejaskasare14.pythonanywhere.com'

Exception Location: /home/tejaskasare14/.virtualenvs/my_vr_env/lib/python4.2.6/site-packages/django/core/handlers/exception.py

Python Executable: /usr/local/bin/uwsgi

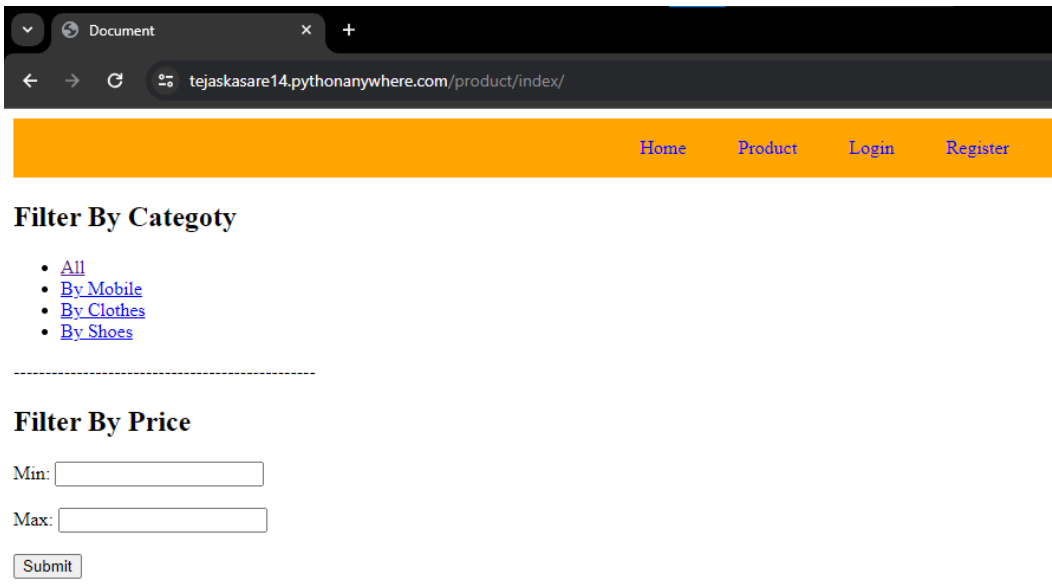
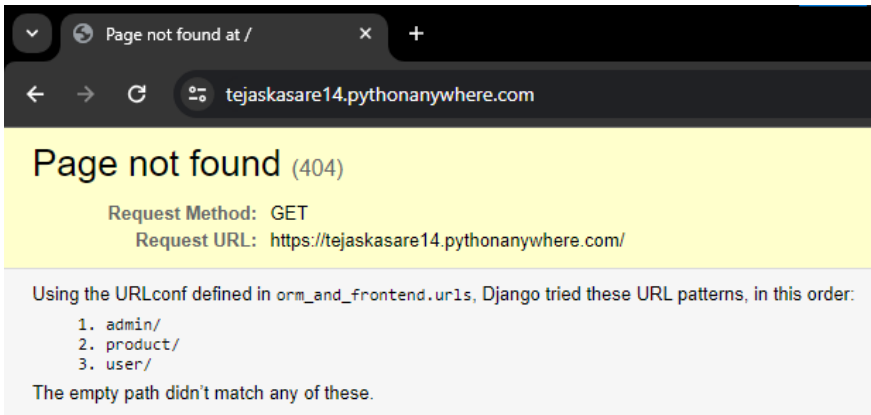
Python Version: 3.10.5

3. Solving disallowed host error

- a. Go to settings.py and add following

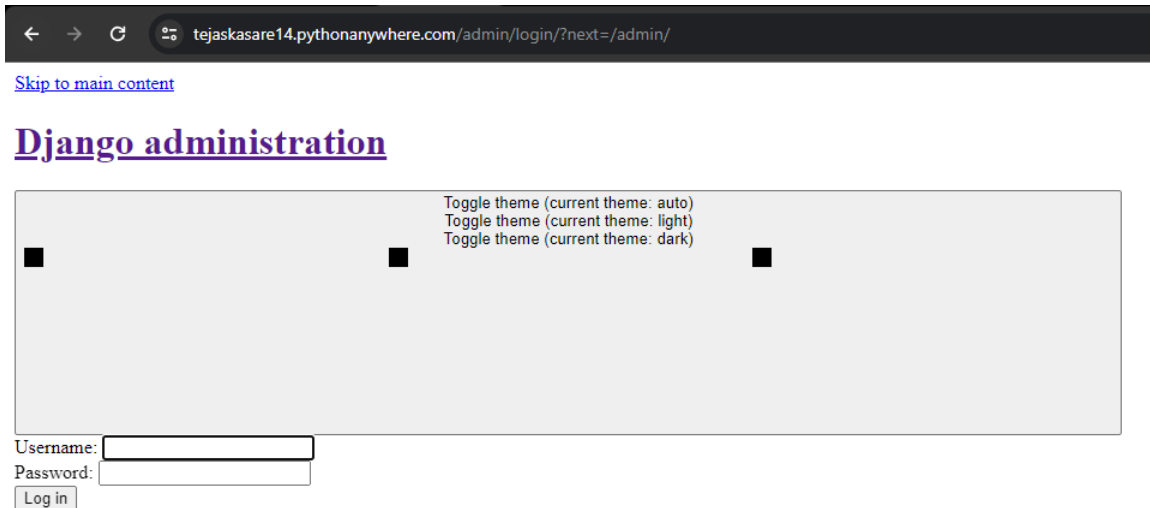
```
18  
19 # Quick-start development settings - unsuitable for production  
20 # See https://docs.djangoproject.com/en/4.2/howto/deployment/checklist/  
21  
22 # SECURITY WARNING: keep the secret key used in production secret!  
23 SECRET_KEY = 'django-insecure-i#bm8c6g1zb^i74s7d9ygi+(v9*27u5-*yz5m7hku68$4231_  
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



4. Accessing admin panel

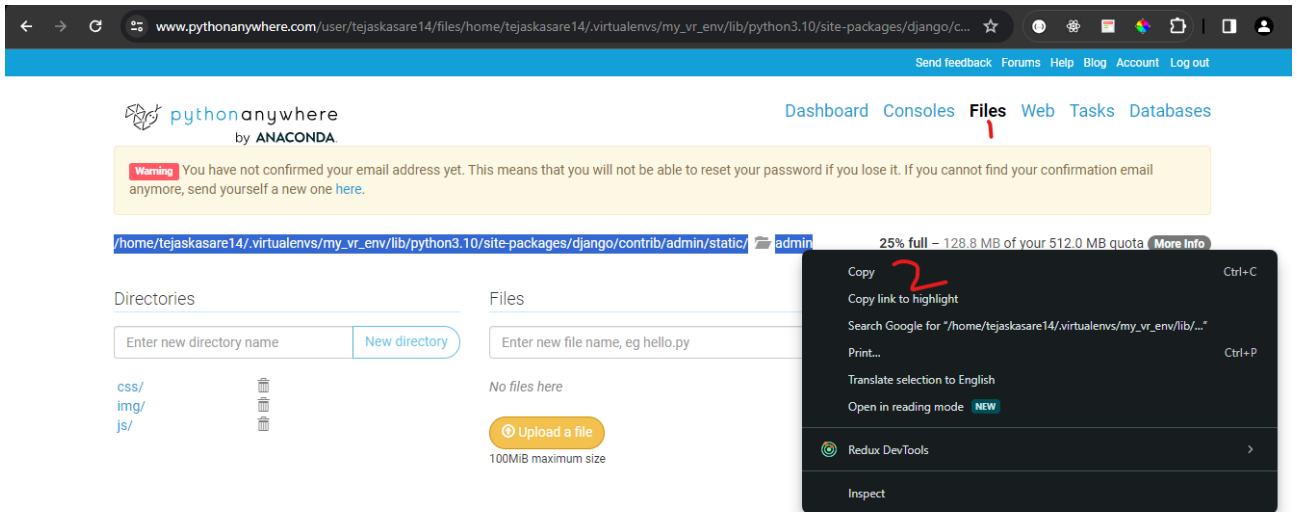
You can also open admin panel



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



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	
Enter URL	Enter path	

b. Linking our Static folder

Static files:

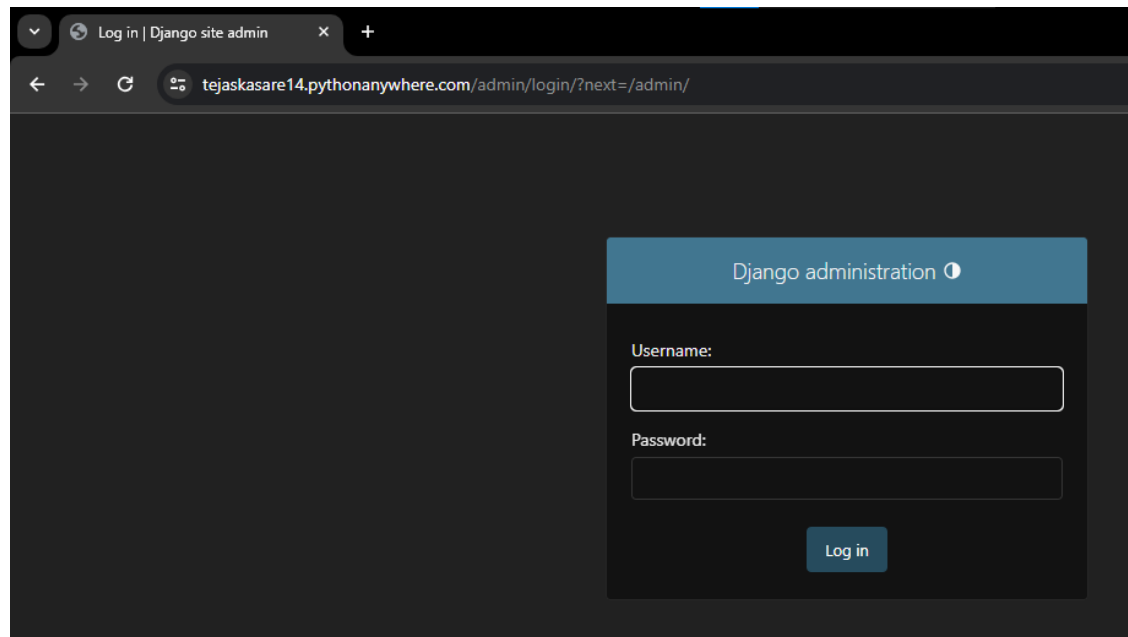
Files that aren't dynamically generated by your code, like CSS, JavaScript or uploaded files, can be served much faster straight off the disk if you specify them here. You need to **Reload your web app** to activate any changes you make to the mappings below.

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



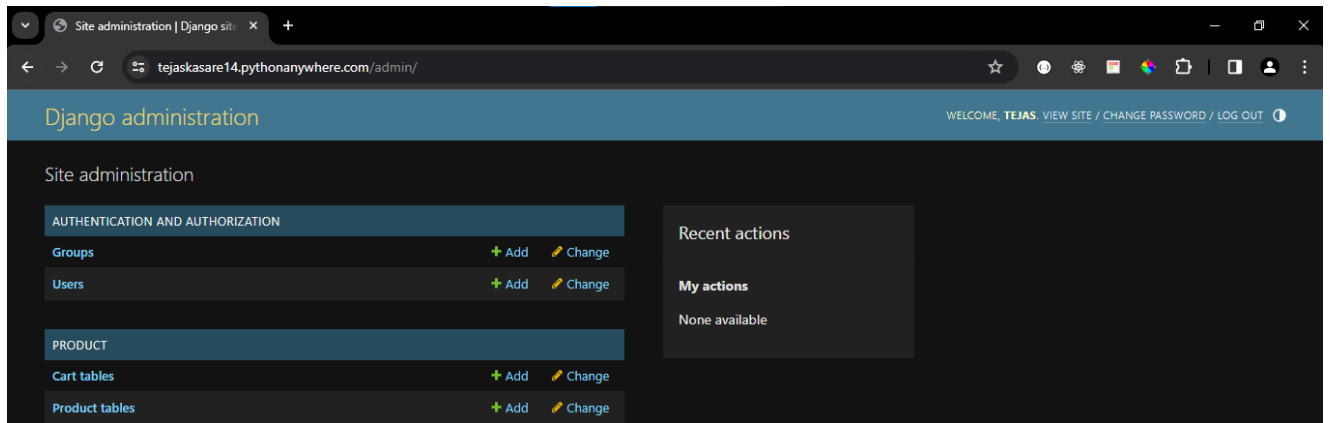
d.

6. Creating super user

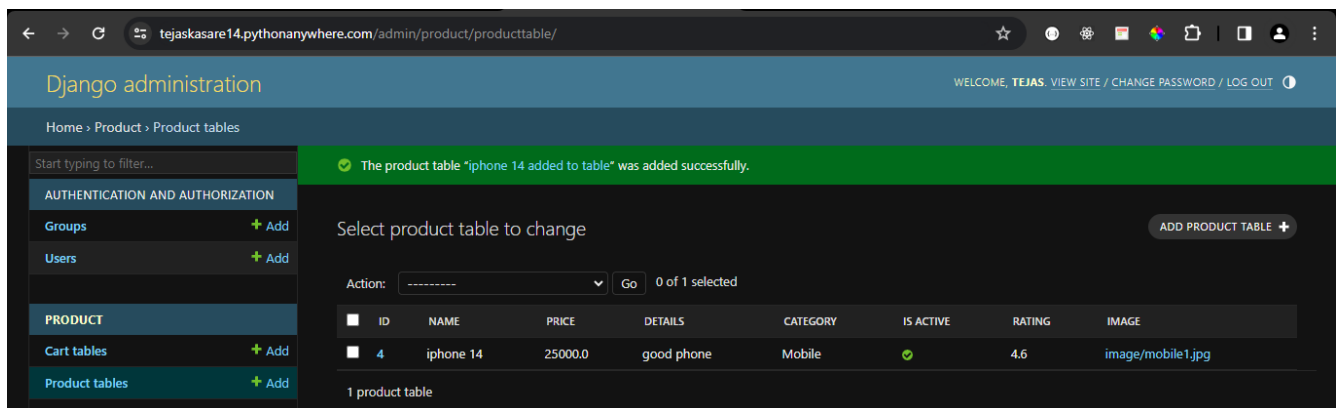
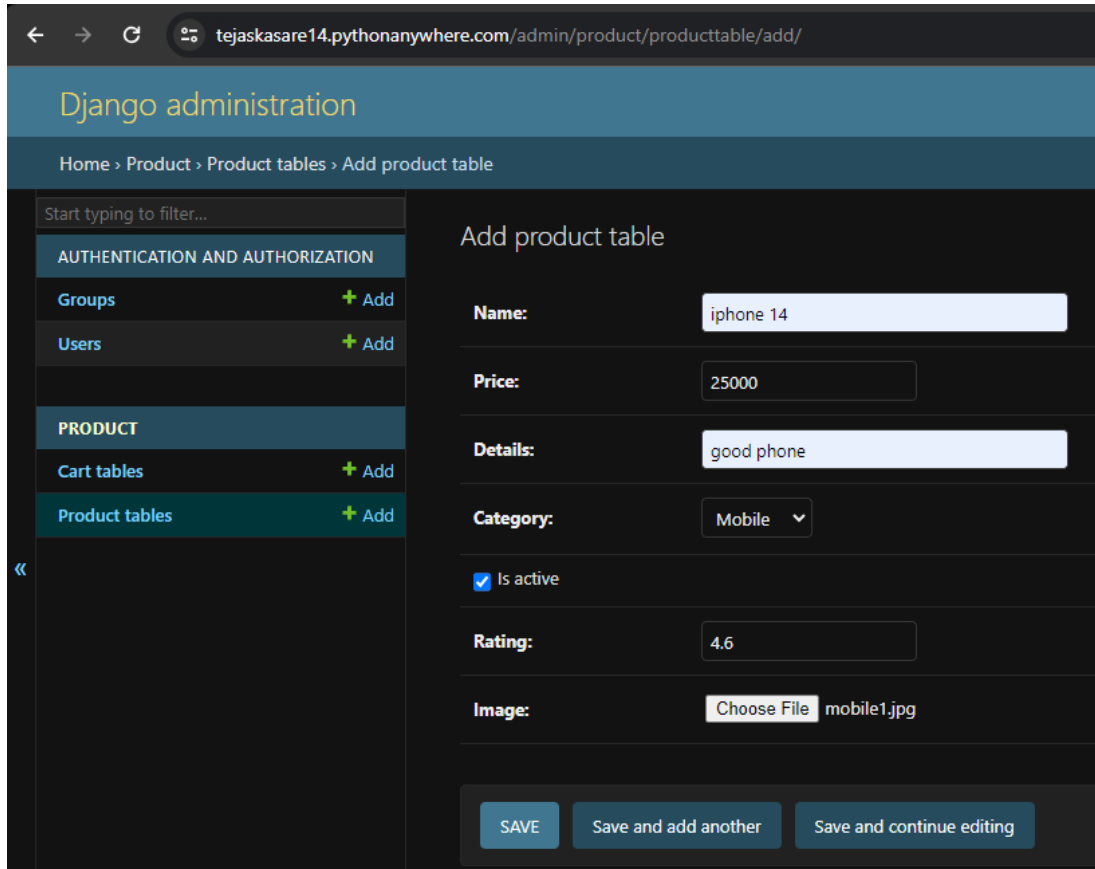
```
(my_vr_env) 08:25 ~/django_projects/orm_and_frontend (master)$ python manage.py createsuperuser
Username (leave blank to use 'tejaskasare14'): tejas
Email address: tejaskasare14@gmail.com
Password:
Password (again):
Superuser created successfully.
(my_vr_env) 10:30 ~/django_projects/orm_and_frontend (master)$
```

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

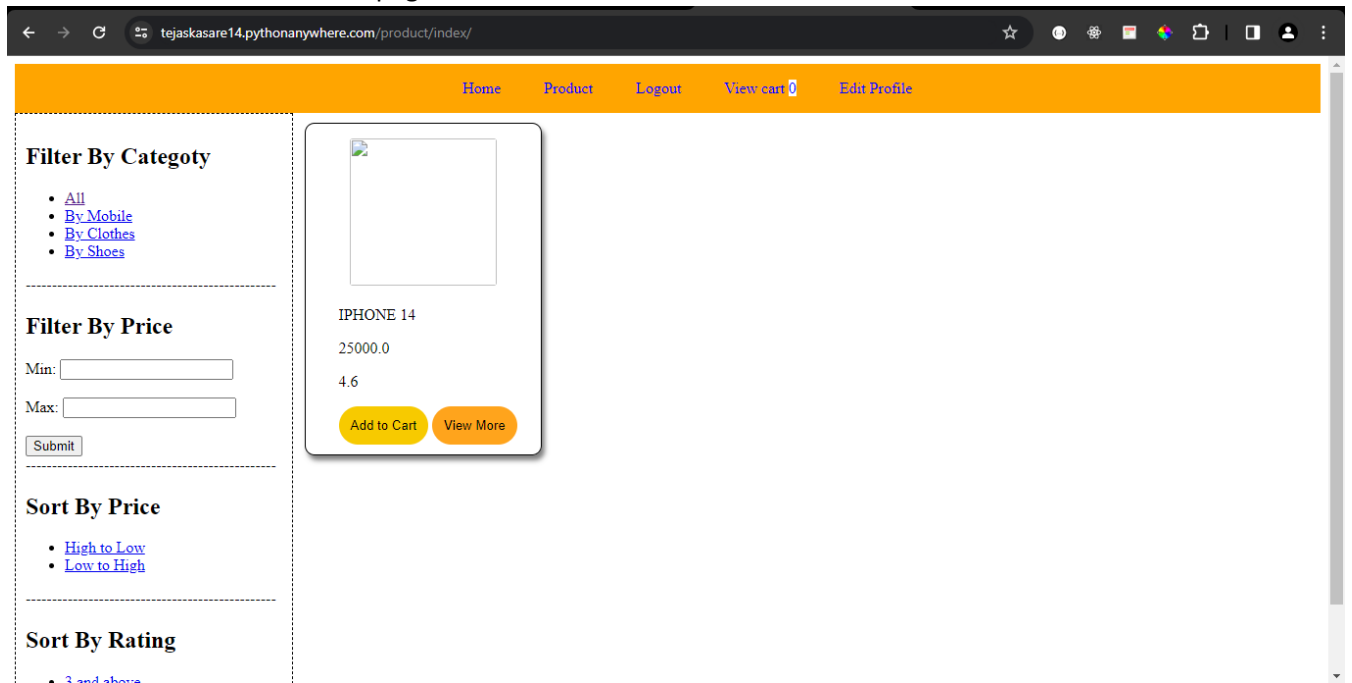


Image not getting. Lets solve this

10.