**Python(3.10.2)**

**Django(4.0.3)**

**SETUP:**

1.Create a virtual Environment for in cmd promt

D:> billkare> billkare> virtualenv billenv

2.Install Django in the virtual Environment

D:> billkare> billkare>billenv>pip install Django

3.To run Django Activate virtual Environment

D:> billkare> billkare>billenv> scripts>activate.bat

(to deactive virtual env run deactivate.bat)

4.Create project

(billenv)D:>billkare>billkare>django-admin startproject billkare

5.Create Project app

(billenv)D:>billkare>billkare>django-admin startapp paybill

Creating super user and user:

Py manage.py migrate

Py manage.py makemigrations

Py manage.py createsuperuser

Username:admin

Password:1234567

In settings.py

STATICFILES\_DIRS=[

   os.path.join(BASE\_DIR,'static')

]

LOGIN\_URL = '/basic\_app/user\_login/'

PASSWORD Validation

# Password validation in encrypted format

# https://docs.djangoproject.com/en/4.0/ref/settings/#auth-password-validators

PASSWORD\_HASHERS = [

    'django.contrib.auth.hashers.Argon2PasswordHasher',

    'django.contrib.auth.hashers.BCryptSHA256PasswordHasher',

    'django.contrib.auth.hashers.BCryptPasswordHasher',

    'django.contrib.auth.hashers.PBKDF2PasswordHasher',

    'django.contrib.auth.hashers.PBKDF2SHA1PasswordHasher',

]

 1.run pip install django[argon2] on the server,

which is equivalent to python -m pip install argon2-cffi.

Install Decouple for import config

C:\users\admin\appdata\local\programs\python\python310> pip install python-decouple

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| --- | --- | --- | --- |
|  | Username | E-mail id | Password |
| 1 | kavin | [nandhini28nec@gmail.com](mailto:nandhini28nec@gmail.com) | kavin123 |
|  |  |  |  |