**Python(3.11.2)**

**Django(4.1.3)**

**Download and install python(when install python click check box for set path)**

**Create virtual env**

**C:\Users\Nandhini\AppData\Local\Programs\Python\Python311>pip install virtualenv**

**SETUP:**

1.Create a virtual Environment for in cmd promt

D:> billkare> billkare> virtualenv billenv

2.Install Django in the Django virtual Environment

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

3.To run Django Activate virtual Environment

D:> billkare> billkare>billenv>

(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 User\_Account

6.To run the Project

(billenv)D:>billkare>billkare>py manage.py runserver

**Applications in Project**

* User\_Account
* Loan
* Membership
* Plaid

Creating super user :

Py manage.py migrate

Py manage.py makemigrations

Py manage.py createsuperuser

Username:admin

In settings.py

STATICFILES\_DIRS=[

   os.path.join(BASE\_DIR,'static')

]

LOGIN\_URL = '/LoginPage/'

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',

]

**Installed libraries**

* Pip install pip install django[argon2]
* Pip install padas
* Pip install matplotlib
* pip install plaid-python