

Perform the following operation

- 1. create a project named "Blog_Project" in django.**

```
django-admin startproject Blog_Project  
cd Blog_Project
```

- 2. Create application named as "BlogApp" in django or you can take any convenient name for application.**

```
python manage.py startapp BlogApp
```

- 3. Create a database named as "blogdb".**

Django uses SQLite by default, but for demonstration, we'll stick with it and set the name as `blogdb.sqlite3`.

Open `Blog_Project/settings.py`, and modify the `DATABASES` setting like this:

```
DATABASES = {  
    'default': {  
        'ENGINE': 'django.db.backends.sqlite3',  
        'NAME': BASE_DIR / 'blogdb.sqlite3',  
    },  
}
```

- 4. Configure the database in `settings.py`.**

In `Blog_Project/settings.py`, add '`BlogApp`', to `INSTALLED_APPS`:

```
INSTALLED_APPS = [  
    ...  
    'BlogApp',  
]
```

- 5. Establish one-to-many relationship between User Model and Post Model**
from django.db import models

```
from django.contrib.auth.models import User
```

```
class Post(models.Model):
```

```
title = models.CharField(max_length=200)
content = models.TextField()
created_at = models.DateTimeField(auto_now_add=True)
updated_at = models.DateTimeField(auto_now=True)
author = models.ForeignKey(User, on_delete=models.CASCADE) #  
One-to-many relationship
```

```
def __str__(self):
    return self.title
```

6. Establish one-to-many relationship between User Model and Post Model.

7. Perform migrations for all the models created.

Create migration files:

```
python manage.py makemigrations
```

Apply the migrations:

```
python manage.py migrate
```