

# Django Blog Assignment Report

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Course: Full Stack Development

Date: February 14, 2025

## Introduction

This assignment involved creating a multi-page blogging system using Django.

The goal was to implement a blog platform where users can create, view, and list blog posts.

We used Django's generic views such as `CreateView`, `ListView`, and `DetailView` to manage blog posts.

## Setup Process

Installing Django:

To begin the project, I installed Django by running the command:

```
pip install django
```

Django was successfully installed, and the project environment was set up.

## Project Overview

Project Structure:

```
blog_project/
```

```
blog/
```

```
migrations/
```

```
__init__.py
```

admin.py  
apps.py  
models.py  
tests.py  
views.py  
urls.py  
blog\_project/  
settings.py  
urls.py  
manage.py  
db.sqlite3

## Detailed Steps for Implementation

1. Created a Django project using:

```
django-admin startproject blog_project
```

2. Created the blog app:

```
python manage.py startapp blog
```

3. Defined the BlogPost model in models.py with fields: title, author, content, and published\_date.

4. Configured the Admin interface in blog/admin.py.

5. Implemented CreateView, ListView, and DetailView in blog/views.py.

6. Set up URLs in blog/urls.py and main projects urls.py.

7. Created templates for listing, viewing, and creating blog posts.

## GitHub and Version Control

1. Initialized a Git repository:

```
git init
```

2. Committed the changes:

```
git add .
```

```
git commit -m 'Initial commit'
```

3. Pushed the project to GitHub.

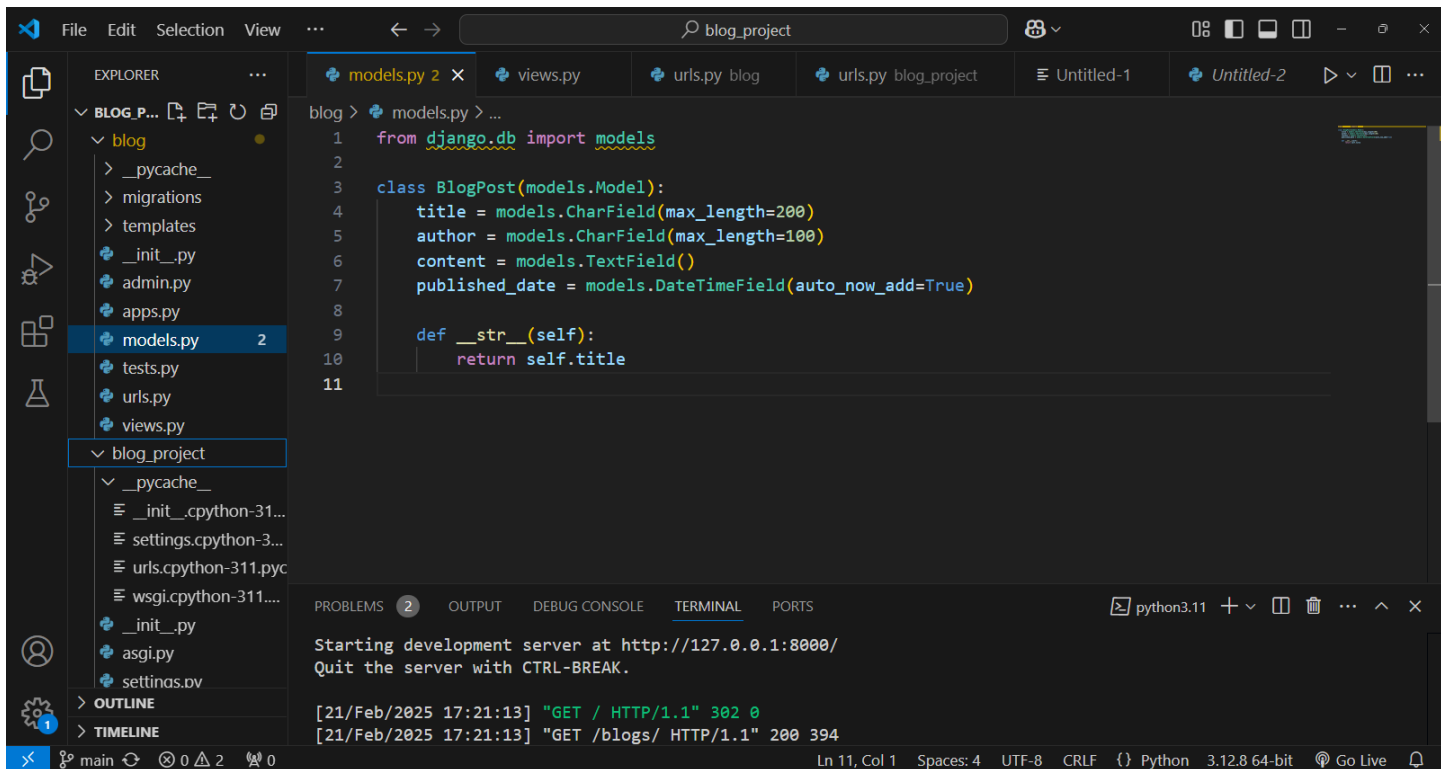
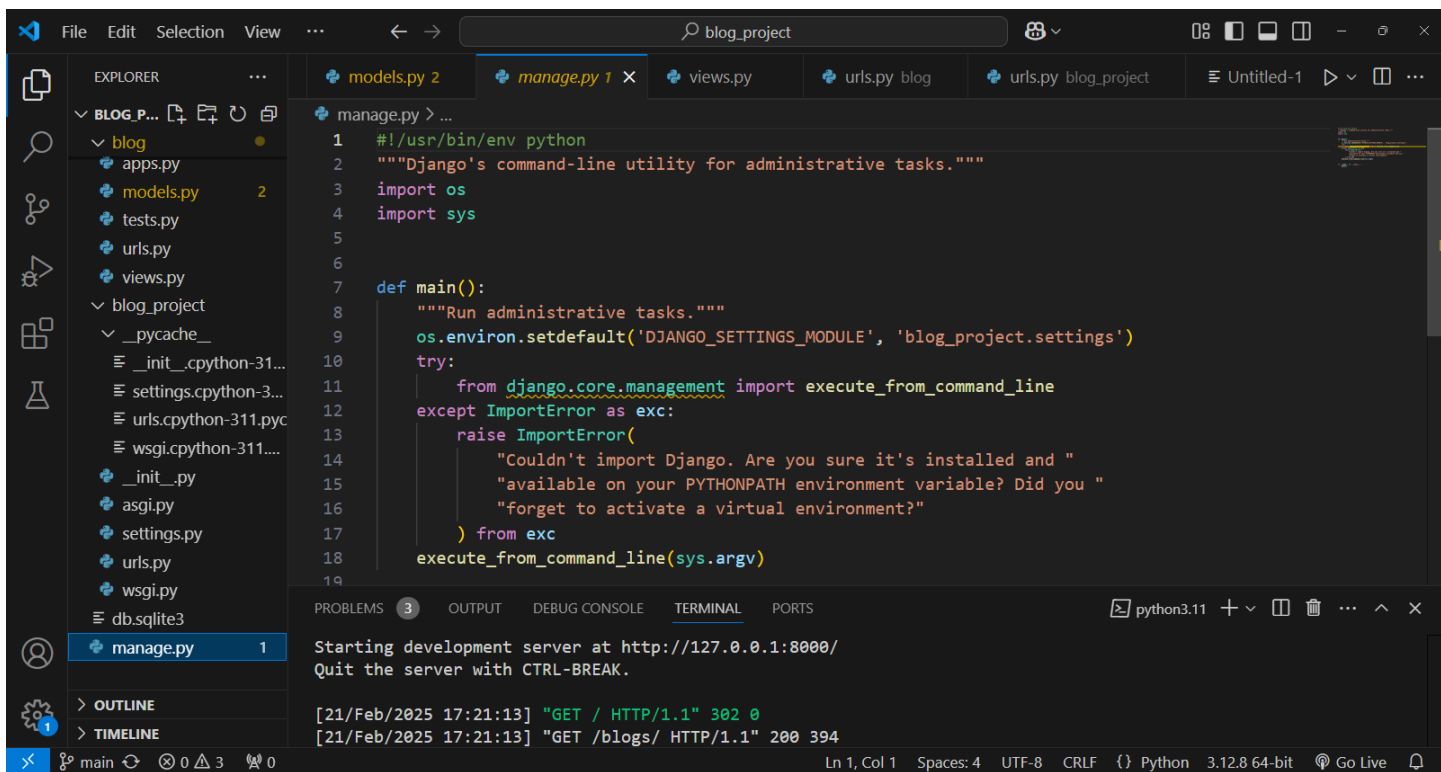
GitHub Repository Link: [Provide Link]

## Conclusion

This assignment allowed me to practice building a complete Django application with essential features

like CRUD operations, Django's generic views, and database management. The project was successfully

deployed locally, and the code was uploaded to GitHub for submission.



Create a New Blog Post

Title:

Author:

Content:

Post

[Back to Blog List](#)

- [A](#)

Author: SDD

Published Date: Feb. 14, 2025, 5:24 p.m.

DEEFF
- [54T](#)

Author: T4T

Published Date: Feb. 14, 2025, 5:24 p.m.

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