

Date : 7th June 2021

Hardik Savaliya

:: Day - 10 ::

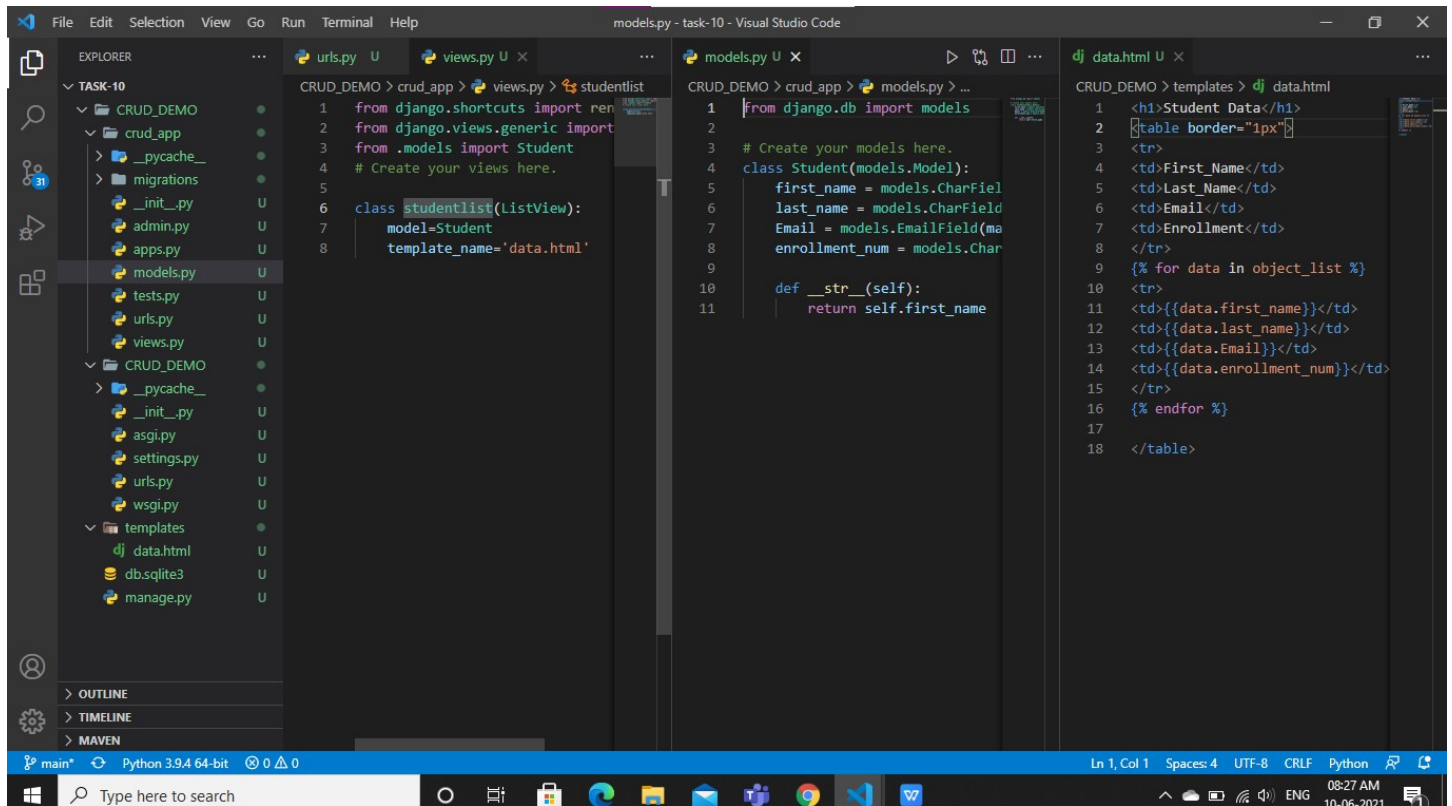
--Work Summary--

- Today it was the Tenth day of our Internship.
- Taken by :Akash Padhiyar

What we learnt ?

- This was our last days of this amazing internship. In this session we learned about databases and its applications.
- Django has a inbuilt support of mainly five databases.
 - PostgreSQL , MariaDB , MySQL , SQLite , Oracle .
- Then we learned how to connect MySQL and SQLite databases to our Django project and perform basic operations on databases with use of our Django application.
- Then we learned how make models and how to migrate into our connected databases.
- Then we learned how to perform CRUD operation separately. And saw how those work.
- Then we also discussed which are various platforms where we can deploy our Django project very easily.
- After that we jumped into Latest Technologies and discussed about them that which technologies are ruling market at present and also will rule in coming years.

● Task : Perform Crud Operation In Django Project



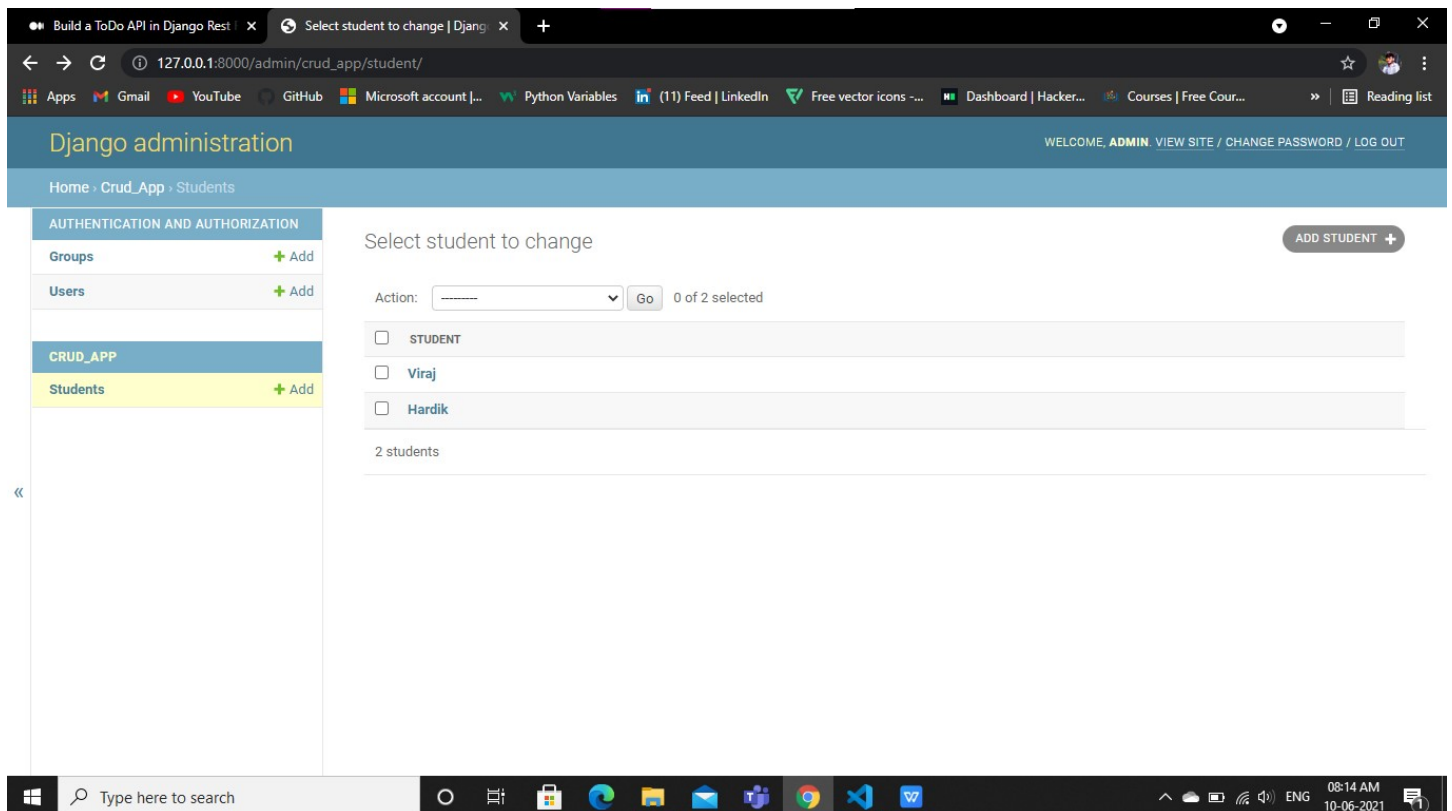
The screenshot shows the Visual Studio Code editor with the following files open:

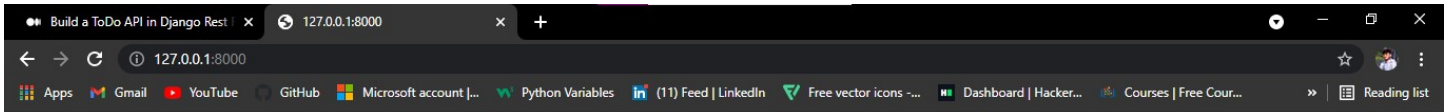
- models.py**:

```
1 from django.db import models
2
3 # Create your models here.
4 class Student(models.Model):
5     first_name = models.CharField
6     last_name = models.CharField
7     Email = models.EmailField(max_length=254)
8     enrollment_num = models.CharField
9
10 def __str__(self):
11     return self.first_name
```
- views.py**:

```
1 from django.shortcuts import render
2 from django.views.generic import ListView
3 from .models import Student
4 # Create your views here.
5
6 class studentlist(ListView):
7     model=Student
8     template_name='data.html'
```
- data.html**:

```
1 <h1>Student Data</h1>
2 <table border="1">
3 <tr>
4 <td>First Name</td>
5 <td>Last Name</td>
6 <td>Email</td>
7 <td>Enrollment</td>
8 </tr>
9 {% for data in object_list %}
10 <tr>
11 <td>{{data.first_name}}</td>
12 <td>{{data.last_name}}</td>
13 <td>{{data.Email}}</td>
14 <td>{{data.enrollment_num}}</td>
15 </tr>
16 {% endfor %}
17
18 </table>
```





Student Data

First_Name	Last_Name	Email	Enrollment
Hardik	Savaliya	hardik0794444@gmail.com	180280116106
Viraj	Sidapara	viraj123@gmail.com	180280116010

