Ex02 Django ORM Web Application

Date: 13-03-2024

AIM

To develop a Django application to store and retrieve data from a Book database using Object Relational Mapping(ORM).

DESIGN STEPS

STEP 1:

Clone the problem from GitHub

STEP 2:

Create a new app in Django project

STEP 3:

Enter the code for admin.py and models.py

STEP 4:

Execute Django admin and create details for 10 books

PROGRAM

admin.py

```
from django.contrib import admin
from .models import railway,railwayAdmin
admin.site.register(railway,railwayAdmin)
```

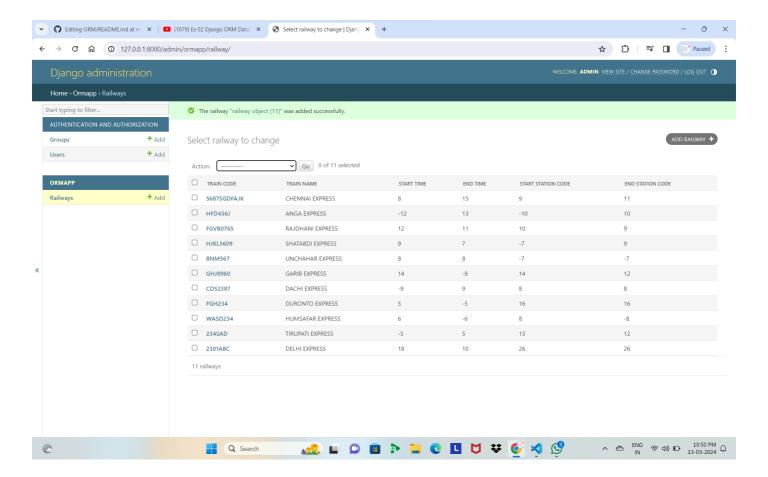
models.py

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```
from django.db import models
from django.contrib import admin
class railway (models.Model):
    train_code=models.CharField(max_length=20,help_text="railway train_code")
    train_name=models.CharField(max_length=100)
    start_time=models.IntegerField()
    End_time=models.IntegerField()
    start_station_code=models.IntegerField()
    end_station_code=models.IntegerField()

class railwayAdmin(admin.ModelAdmin):
    list_display=('train_code', 'train_name', 'start_time', 'End_time', 'start_station_code')
```

OUTPUT



RESULT

Thus the program for creating a database using ORM hass been executed successfully