

This project is done in django framework using google collab  
Opening google collab and running the code might require you  
to run all the steps again from the beginning including all  
minute changes

This document documents all minor major changes one needs to  
follow

Steps involved are as follows

Open google collab and install django

```
pip install django
```

Start the project named assignment

```
!django-admin startproject assignment
```

!using an exclamation allows us to run linux commands

Change source file name to src

Change the directory to src

```
%cd src
```

(optional) recheck the current directory

```
!ls
```

Migrating the database

```
!python manage.py migrate
```

Getting the site link

```
from google.colab.output import eval_js  
print(eval_js("google.colab.kernel.proxyPort(8000)"))
```

Please use the link given here , do not use the 127.xx.xx  
thrown to us in output later

*Add colab.research.google.com in allowed hosts in settings  
file*

Running the server

```
!python manage.py runserver 8000
```

Start the app named user

```
!python manage.py startapp user
```

*Add user in apps of settings file*

Create a file named `urls.py` in the user app with the following code in it

```
from django.urls import path
from . import views

urlpatterns = [
    path('home/', views.home),
    path('customer/', views.customer)
]
```

Note: there are two url files now , one in the src , one in users

The src url file should contain

```
from django.contrib import admin
from django.urls import path, include

urlpatterns = [
    path('admin/', admin.site.urls),
    path('', include('user.urls'))
]
```

Views file in user

```
from django.shortcuts import render
from django.http import HttpResponse

# Create your views here.
def home(request):
    return HttpResponse('HOME PAGE')

def customer(request):
    return HttpResponse('customer PAGE')
```

DATA BASE SETUP:

Note: make sure to migrate , this creates a default sqlite for us

Models file in user

```
from django.db import models

# Create your models here.
class customer(models.Model):
    name = models.CharField(max_length = 200)
    date_created = models.DateTimeField(auto_now_add = True)
```

Register this in admin file

```
admin.site.register(customer)
```

ADMIN PANEL

Create a super user

```
!python manage.py createsuperuser
```

Output

```
Username (leave blank to use 'root'): xxxxxx
```

```
Email address: xxxxxxxxxxxx
```

```
Password:
```

```
Password (again):
```

```
Superuser created successfully.
```

After this u can use the code , since u got the hang

Use following files in user

Register.py

```
from django.forms import ModelForm
from django.contrib.auth.forms import UserCreationForm
from django.contrib.auth.models import User
from django import forms

from .models import Order

class OrderForm(ModelForm):
    class Meta:
        model = Order
        fields = '__all__'

class CreateUserForm(UserCreationForm):
    class Meta:
        model = User
        fields = ['name', 'email', 'password1', 'password2', 'Mobile
Number', 'City', 'Referral Code']
```

']