Project Name : **Product management System (Feedback Module)**
Completed
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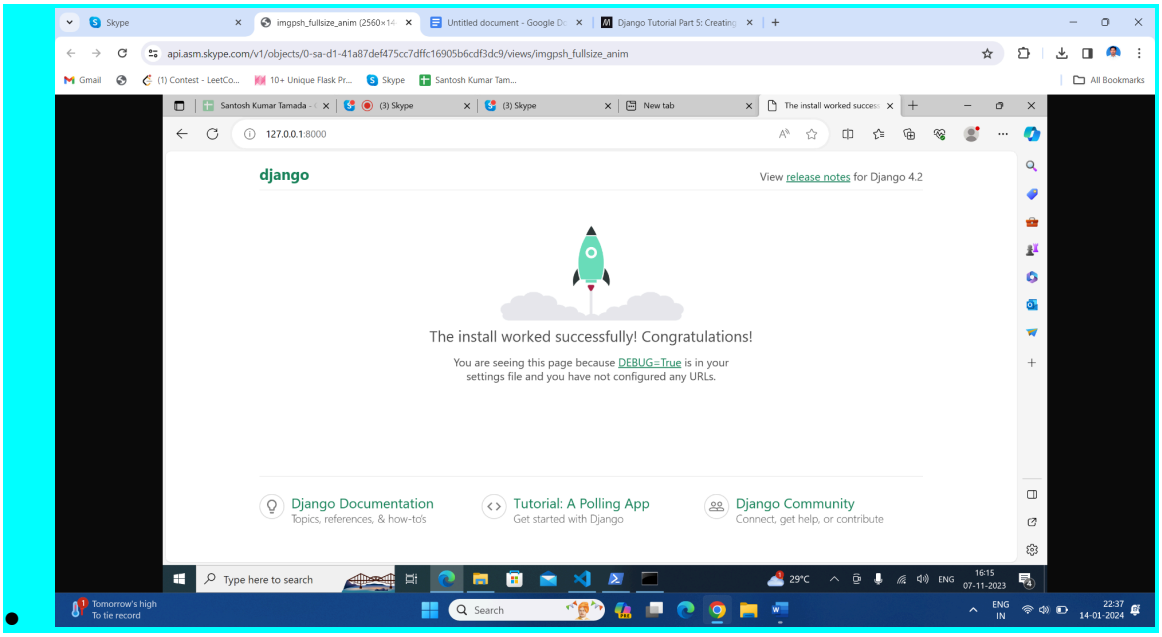
Requirements :Python 3.8 standard version
Django 4.2.7
Rest Frame Work
PostgresQL latest version
Postman latest version

Note:Commands , url links , files , written code.

👉 **Feed Back :**

- Create a new folder, open the terminal in the terminal check the Django version
- django -v run the command in terminal
- Then, create virtual environment with the name of env
- virtualenv env run the command in the terminal
- Activate the virtual environment
- .\env\Scripts\activate run the command in terminal
- django-admin startproject project_name run the command for create a project
- cd project_name run the command for change the directory
- pip install djangorestframework run the command for rest frame work installation
- Pip install psycopg2 run the command for connect the Postgresql database
- python manage.py startapp app_name run the command for create app
- Python manage.py runserver run the command for run the server
- After we will get one url i.e 127.0.0.1.8000
- Click on the url it will redirect the google page it will show's django default page i.e



- Open the settings.py in project file
- In the settings.py file inside add app name & rest_frame under installed app

- INSTALLED_APPS = [
    'django.contrib.admin',
    'django.contrib.auth',
    'django.contrib.contenttypes',
    'django.contrib.sessions',
    'django.contrib.messages',
    'django.contrib.staticfiles',
    # Add our new application
    'App name',
     'rest_framework',
]

- project/urls.py
  from django.urls import path,include
   urls patterans=[
            path('admin/',admin.site.urls)
            path(' ',include ('app_name.urls')),

   ]

- app/models.py
  from django.db import models

  Class feedback_model(models.Model):
          name=models.charfield(max_length=100)
            feedback = models.Textfield(max_length=1000)
- Create new file i.e serializers.py inside app folder
  from rest_framework import serializers

```
from .models import *


class feedback_serializer(serializers.ModelSerializer):
    class Meta:
        model = feedback_model
        fields = "_all_"
```

- app/admin.py

```
from django.contrib import admin
from .models import *
# Register your models here.
admin.site.register(feedback_model)
```

- app/views.py

```
from django.shortcuts import render
from django.http import HttpResponse
from .models import *
from .serializers import *
from rest_framework.decorators import api_view
from rest_framework.response import Response

# Create your views here.
@api_view(['GET'])
def feedbacklist(request):
    # return HttpResponse("Hello World")
    feedback_obj = feedback_model.objects.all()
    serializer = feedback_serializer(feedback_obj, many=True)
    return Response(serializer.data)
```

- app/urls.py

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

urlpatterns = [
    path('',feedbacklist),
]
```

- After these steps run makemigrations in terminal
- I.e python manage.py makemigrations
- After these steps automatically created tables in databases
- After make migrations run the migrations command in terminal
- I.e python manage.py migrate
- Once run this command automatically new file's in migrations file
- And created new tables in database
- After this run server
- I.e python manage.py runserver
- After that we get a url i.e 127.0.0.:8000
- Copy and paste the url in google web browser
- After the open administration panel
- I.e 127.0.0.:8000/admin

- add new feed back like name & feedback
- After that click save button once it saved open
- Open 127.0.0.1:8000 page it will shoes new data in json type
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