

## IPAMS installation

1.) Create a virtual environment for dependency installations

```
$ python -m venv venv
```

2.) activate Virtual Environment

```
$ venv\Scripts\Activate
```

3.) install dependencies

```
$ pip install -r requirement.txt
```

4. Create database named 'ipamsdjango' without quotes

5. Execute 'python manage.py makemigrations'

6. Execute 'python manage.py migrate --run-syncdb'

7. Execute 'python manage.py shell' and enter the following

```
>>> from django.contrib.contenttypes.models import ContentType
```

```
>>> ContentType.objects.all().delete()
```

```
>>> quit() or Ctrl+C
```

8. python manage.py loaddata datadump\_3.json

If there are errors:

Nig abot ani kay if ever gani nga moerror siya pareha sa akua like kani

```
File "C:\Users\wanda\AppData\Local\Programs\Python\Python310\lib\site-packages\django\core\management\commands\loaddata.py", line 182, in handle
    self.loaddata(fixture_labels)
File "C:\Users\wanda\AppData\Local\Programs\Python\Python310\lib\site-packages\django\core\management\commands\loaddata.py", line 163, in loaddata
    self.load_label(fixture_label)
File "C:\Users\wanda\AppData\Local\Programs\Python\Python310\lib\site-packages\django\core\management\commands\loaddata.py", line 251, in load_label
    for obj in objects:
File "C:\Users\wanda\AppData\Local\Programs\Python\Python310\lib\site-packages\django\core\serializers\json.py", line 47, in Deserializer
    stream_or_string = stream_or_string.decode()
UnicodeDecodeError: 'utf-8' codec can't decode byte 0xff in position 0: invalid start byte
```



I click nang deserializer nga hyperlink

find, .decode(), then sulod ana kay butangig ('UTF-16')

```
def Deserializer(stream_or_string, **options):
    """Deserialize a stream or string of JSON data."""
    if not isinstance(stream_or_string, (bytes, str)):
        stream_or_string = stream_or_string.read()
    if isinstance(stream_or_string, bytes):
        stream_or_string = stream_or_string.decode('UTF-16')
```

If none:

9. python manage.py collectstatic

10. python manage.py runserver