IIDT-Blackbucks short term internship FSD session 11-APSHE

The eleven session is about Django setup and creating a notes project.

Topics covered :

1. Django setup.
2. Creating a notes project.
3. Serialization.

Key points:

1. To install Django, you must have python installed.
2. To check if your system has python installed , run this command in the command prompt python --version.
3. If python is installed , you will get a result with the version number like this python 3.9.2.
4. PIP-To install Django , you must use a package manager like PIP , which is included in python from version 3.4.To check if your system has PIP installed , run this command in command prompt PIP --version.
5. If PIP is installed , you will get a result with the version number PIP 20.2.3.
6. After Django is installed you can create a new Django project by running the following commands in your terminal: django-admin starproject myproject. Replace " myproject " with the desire name for the project.
7. Change into the project directory: cd myproject.
8. To verify that Django is setup correctly you can start the development server by running the following command: python manage.py run server.
9. Users can create notes , update them with a simple click of a button.
10. To create a view main points are id ,editable ,title ,content ,status ,created at ,update at .
11. Serializer - The data can be converted to two and fro ,send and receive data from JSON.
12. The rest framework package helps to serialize the data.
13. Serializers allow complex data such as querysets and model instances to be converted to native python data types. And that can be rendered quickly into JSON and other formats.