Indian Institute of Information Technology, Allahabad

Database Management System

Tours & Travels Web Application

(Project Report)

Project Team: -

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Step 1a: Downloading our project from GitHub

Prerequisites
1. Git must be installed on your desktop.

Commands to run on terminal or command prompt
1. git clone https://github.com/AgrimVerma/DBMS-TourNTravel.git

Step 1b: if you have our project zip file.
1. Unzip and follow the steps mentioned below.

Step 2: Software needed for running project seamlessly
1. Microsoft Visual Studio Code - Download link (optional)
2. PostgreSQL (fully configured) - Download link
3. Python3 - Download link
4. Pgadmin4 - Download link
5. Django (django will be installed when you run *pip install -r requirements.txt*)
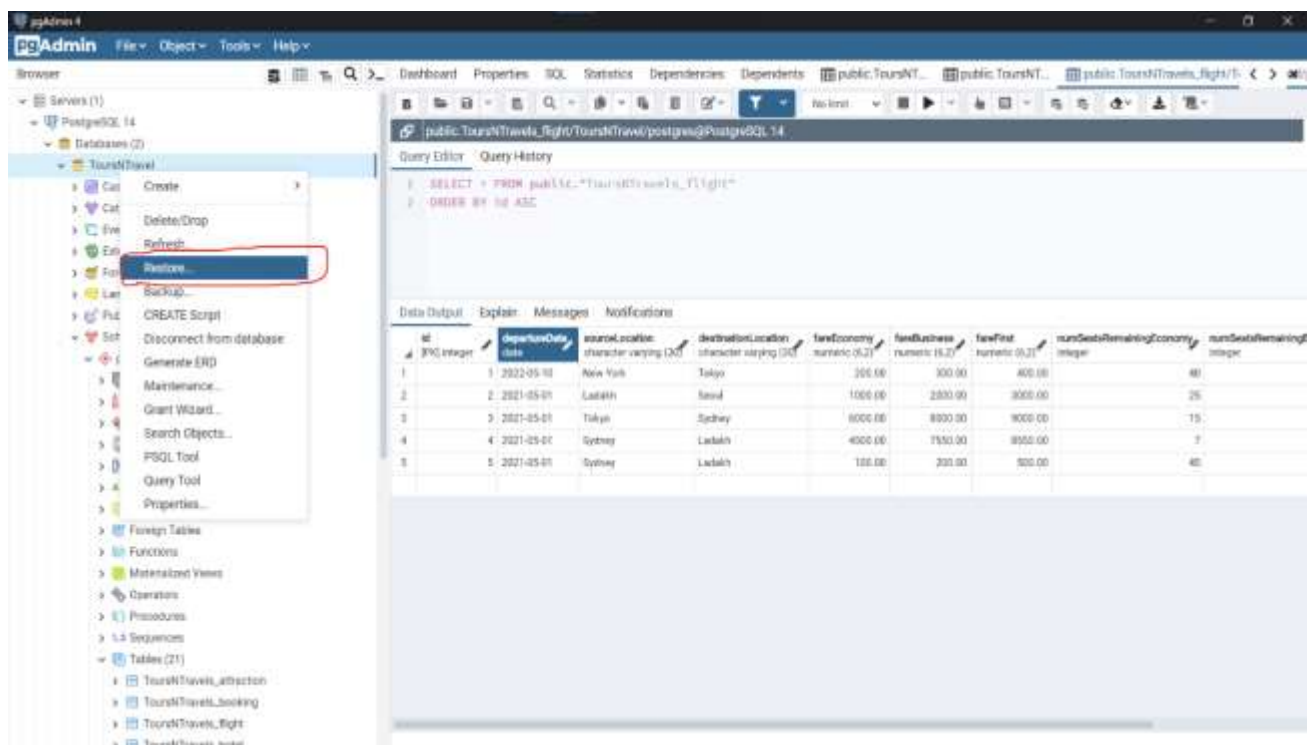
Step 3: To run the project you must have the requirements installed on your computer, which are listed in requirements.txt
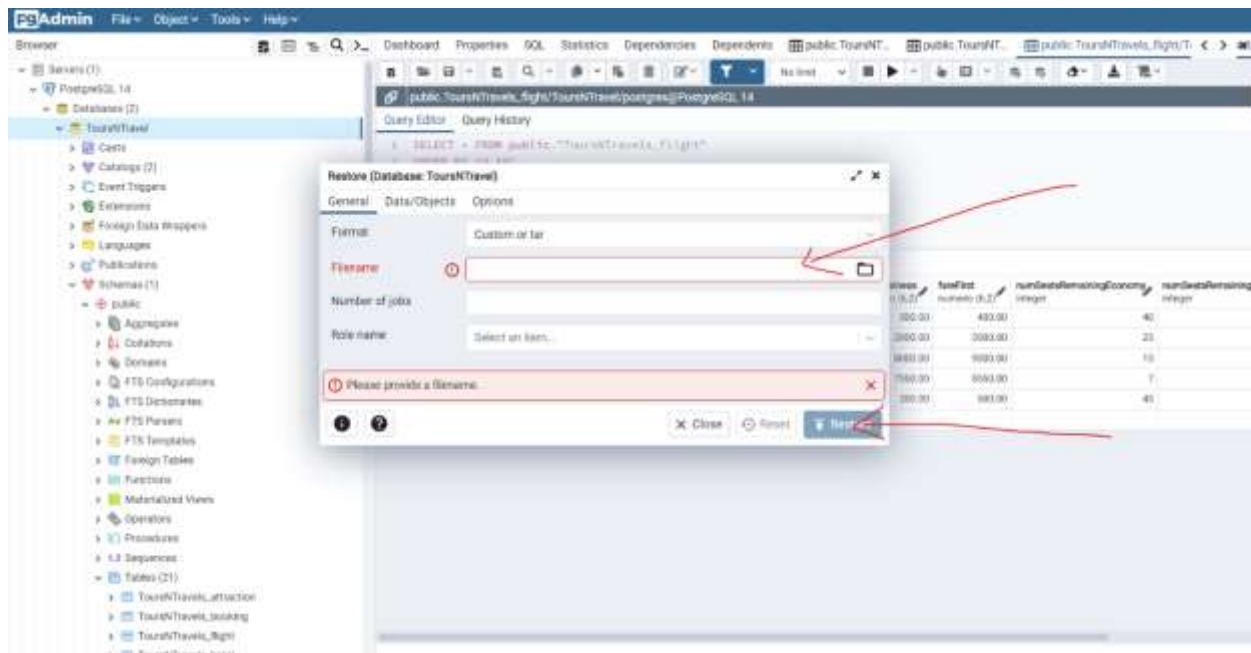Commands
1. cd DBMS-*ToursNTravel*
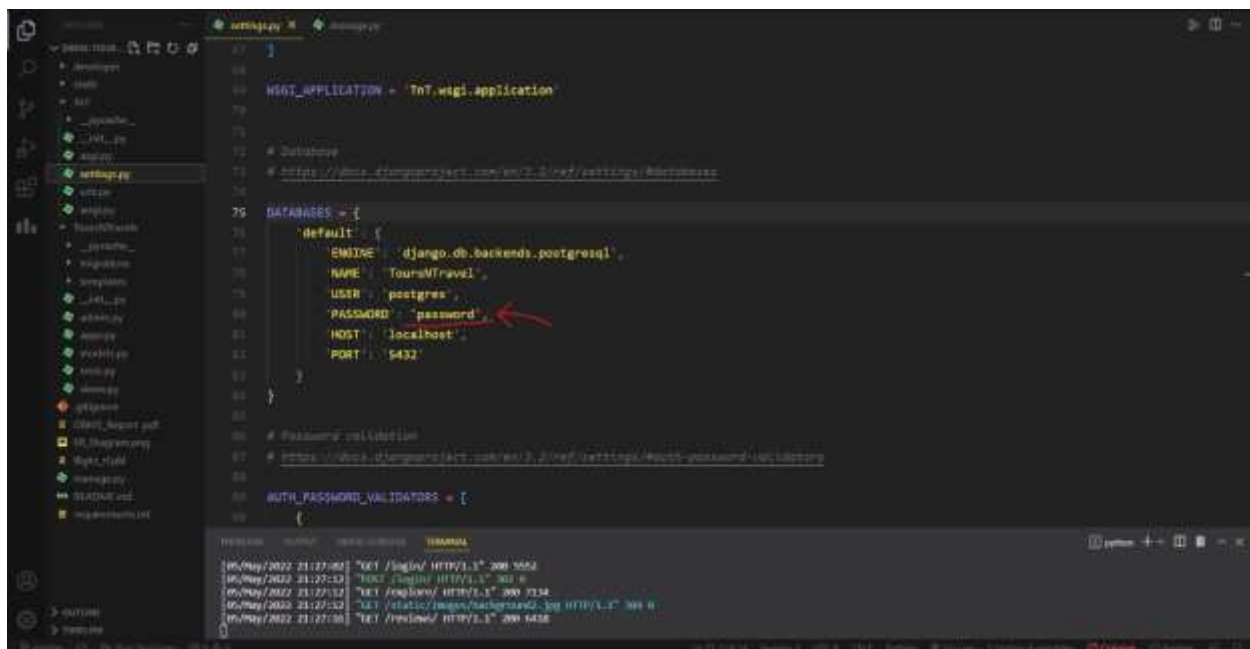2. pip3 or pip install -r requirements.txt

Step 4: Now it's time to integrate django server and our database.

1. First create a database in postgresql named as **'ToursNTravel'**.
2. We have created a backup of our own database (which includes the information about travel destinations and flights, trains and hotels schedules we are providing for this project) that you can restore.

3. Then open settings.py in the code editor and change the database
   information, particularly username and password which you have set in
   your postgres (refer screenshot attached below.)

Step 5- now to run the project run these commands in the terminal -

1) cd .\ToursNTravel\
2) python or python3 manage.py migrate
3) python or python3 manage.py runserver

Now, open localhost:8000 or 127.0.0.1:8000 at the browser of your choice.

Voila, now you must have landed at the beautiful homepage of our website Tours & Travels.

NOTE-

To book any flight, train or hotel you must be logged in. Flights, trains, and hotels are limited to the destinations and dates we have picked. So please use the dummy data provided below.

***All the fields are case sensitive.**

Destinations -

1. Tokyo
2. New York
3. Sydney
4. Ladakh
5. Seoul

Flights-

Source	Destination	Departure Date
New York	Tokyo	10-5-2022
Ladakh	Seoul	10-5-2022
Tokyo	Sydney	10-5-2022
Sydney	Ladakh	10-5-2022

Trains -

Source	Destination	Departure Date
New York	Tokyo	2022-05-10
Ladakh	Seoul	2022-05-10
Tokyo	Sydney	2022-05-10
Seoul	New York	2022-05-10
Sydney	Ladakh	2022-05-10

Hotels -

Company Name	City	Address
ToursNTravel	Tokyo	TokyoCity
ToursNTravel	Seoul	SeoulCity
ToursNTravel	Sydney	SydneyCity
ToursNTravel	New York	NewYorkCity
ToursNTravel	Ladakh	Ladakh