

**Indian Institute of Information Technology,  
Allahabad, Prayagraj**



**Software Engineering  
User Manual  
Project 44  
Real Time Medical Database Management System**

Prateek Durgapal,  
IIT2019014

Hardik Bhati,  
IIT2019013

Parth Kataria,  
IIT2019016

Garv Garg  
IIT2019047

Since, we have deployed the web application on Heroku, you can either visit the web application directly via <http://publicagent.herokuapp.com/> or run the project from source by following the below given steps in **Windows (64 Bit)**:

- 1 Download the project zip file (PublicAgentFinal.zip) from <https://github.com/rePeat-k7/PublicAgent-RTDBMS>  
Extract it and place the folder in C:\.
- 2 Download the latest version of Python from <https://www.python.org/ftp/python/3.9.5/python-3.9.5-amd64.exe>
- 3 Open the installation file. Check on “Add Python 3.9 to PATH” at the bottom. Click on “Install Now”.
- 4 Download PostgreSQL from <https://www.enterprisedb.com/downloads/postgres-postgresql-downloads>
- 5 Open the installation file. After clicking on “Next” 2-3 times, uncheck the “pgAdmin 4” and “Stack Builder” options. Click on “Next” multiple times till it asks to create a password. Type the pass word as “password”.
- 6 Download pgAdmin from <https://www.postgresql.org/ftp/pgadmin/pgadmin4/v5.2/windows/> and click on “pgadmin4-5.2-x64.exe”

- 7 Open the installation file and install as usual.
- 8 Now open the pgAdmin application which is installed. If an error occurs or the window remains blank for more than a minute, open a command prompt window and type the following commands one by one:
  - `cd AppData\Roaming`
  - `rd /s/q pgadmin`
- 9 Close that command prompt. Open the pgAdmin app again.
- 10 Type the password as “password” (or “PASSWORD” if the former generates an error)
- 11 On the left panel click on “Servers”. Then click on “PostgreSQL 13”. Right click on “Databases” and click on “Create”. Name it “PublicAgent” and click on “Save”.
- 12 On the left panel, now click on “Databases”. Right click on “PublicAgent”. Click on “Restore”. In the “Filename” section browse and click on the “DB-Dump” file present in the PublicAgentFinal folder present in C:\. Click on “Restore”.
- 13 Without closing pgAdmin, open another command prompt window. Type the following commands one by one:
  - `cd C:\PublicAgent`
  - `pip install virtualenv`
  - `virtualenv env`
  - `env\scripts\activate`
  - `cd PublicAgent`
  - `pip install -r requirements.txt`
  - `python manage.py runserver`
- 12 Open any browser and go to <http://127.0.0.1:8000> to use the web application. Now you are at the home page of our application. You can either create a new account by clicking on “Register” or “Login” with the existing administrator account with username and password as *admin*.  
You can also login with the admin at the “Admin” page accessible at <http://127.0.0.1:8000/admin> to utilize the powerful functions of admin.