

# MVGR BLOG BUNDLE

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June 2022**

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# ABSTRACT

- **Blog** is a regularly updated website or web page, typically a one run by an individual or small group, that is written in an informal or conversational style. A user needs to create an account in order to post content or view the content that belongs to the particular website.
- Blogs are usually maintained by an individual with regular entries of commentary, descriptions of events, or other material such as graphics or video.
- The software for writing blogs can be divided into user hosted and developer hosted



# INTRODUCTION

- A blog is a type of website or part of a website, which is the publication of regular articles over time in some area of personal or professional interest. Blog can also be used as a verb, meaning to maintain or add content to a blog.
- There are many different types of blogs, differing not only in the type of content, but also in the way that content is delivered or written.
- Blogs are usually maintained by an individual with regular entries of commentary, descriptions of events, or other material such as graphics or video.



# PROBLEM STATEMENT

- The project “**MVGR BLOG BUNDLE**” is a blogging application or website related to MVGR college of engineering, the students and staff of the college will have the access to the website.
- It allows us to write blogs on different topics by different people . The website provides some categories, the blogs which are written by the users are categorized into these categories. This website also has a community environment between the users.

# MODULES



## **1. Login module:**

In this module it is seen that only college folks will be using the website so that we can identify the person for a particular blog related stuff. This can be made by using college mail id as the primary mail for logins.

In the next part, mail id and password should be correctly matched for the login.

## **2 .Blog creation module:**

In this module in the creation part the user can give title and required amount of description for the blog.

In this module only the user should select to which category the blog belongs too.



# MODULES

## **3. Blog access:**

Everyone will have not have the access to edit the blog of some other user. Instead, only view access will be given to the other users.

The blog creator and the admin will have the access to edit blog.

## **4. Search module:**

Word will be used as keyword, and the blog that containing that word will be displayed.

## **5. Filter module:**

In this module filter is applied only the filtered category blogs will be displayed.

# SOFTWARE REQUIREMENTS



## **PYCHARM :**

PyCharm is an integrated development environment (IDE) used in computer programming, specifically for the Python language. Community Edition of PyCharm is used here of version 2021.1.2

## **HTML:**

- HTML is used to create electronic documents (called pages) that are displayed on the World Wide Web. Each page contains a series of connections to other pages called hyperlinks.

## **CSS:**

- Cascading style sheets are used to format the layout of Web pages. They can be used to define text styles, table sizes, and other aspects of Web pages that previously could only be defined in a page's HTML.



# SOFTWARE REQUIREMENTS

## **FRAMEWORK(DJANGO):**

- Django is a web application framework written in Python programming language. It is based on MVT (Model View Template) design pattern. Version of 4.0.3.
- It takes less time to build application after collecting client requirement.

## **POSTGRESQL(pgAdmin 4):**

PostgreSQL is a powerful, open source object-relational database system that uses and extends the SQL language. pgAdmin 4 of version 6.7 is used for the backend combined with many features that safely store and scale the most complicated data workloads.





# HARDWARE REQUIREMENTS

- System : Intel(R) core(TM) i5
- Hard disk : 1 TB
- Input Devices : Keyboard , Mouse
- RAM : 8 GB
- 64-bit Operating system,x64-based processor



# EXISTING SYSTEM

- A blog is a discussion or informational website published on the World Wide Web consisting of discrete, often informal diary-style text entries.
- The evolution of electronic and software tools to facilitate the production and maintenance of Web articles posted in reverse chronological order made the publishing process feasible to a much larger and less technically-inclined population. Ultimately, this resulted in the distinct class of online publishing that produces blogs we recognize today.
- For instance, the use of some sort of browser-based software is now a typical aspect of "blogging". Blogs can be hosted by dedicated blog hosting services, on regular web hosting services, or run using blog software.

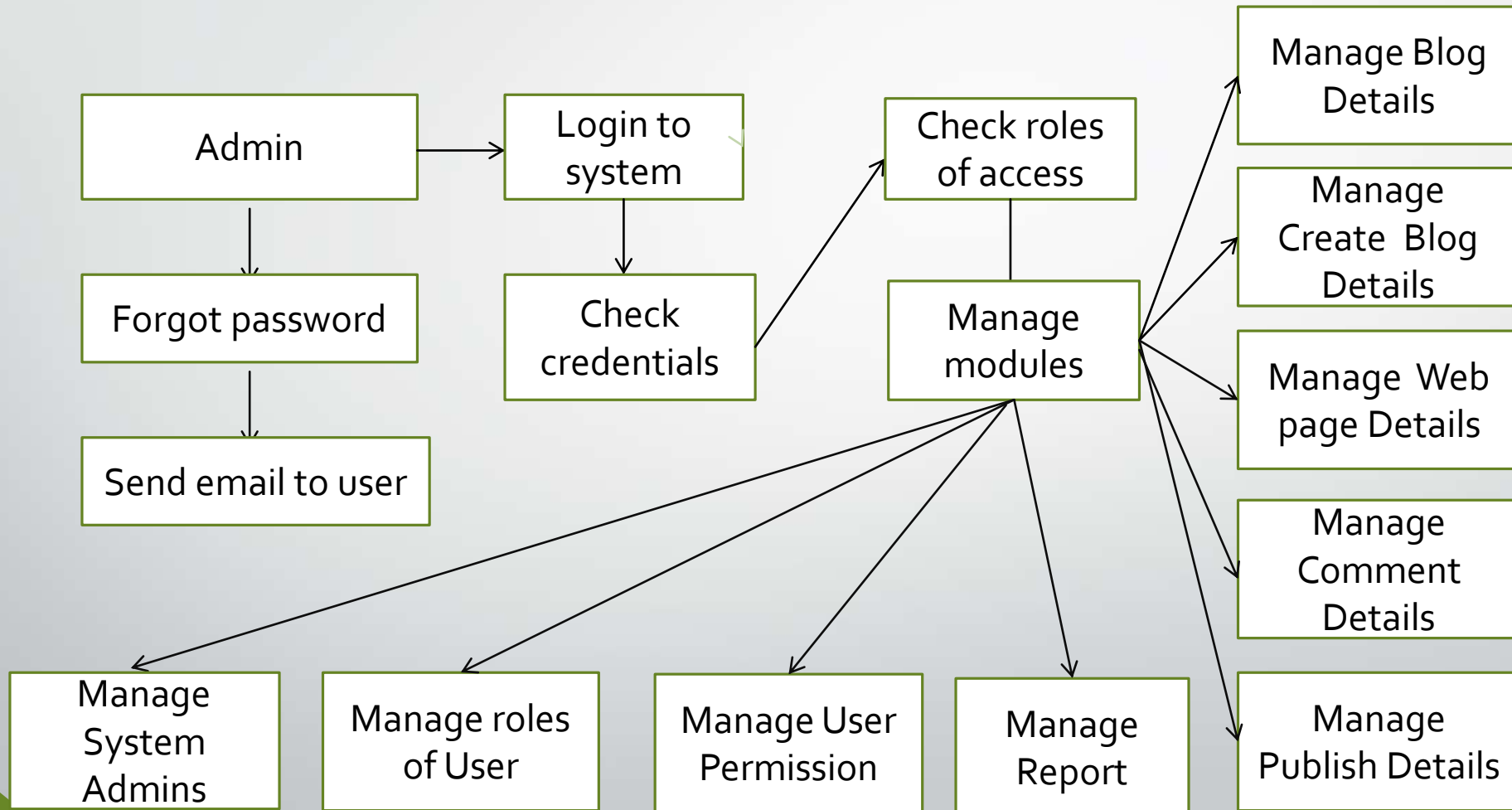


# PROPOSED SYSTEM

- A student as a part of our college shows interests in various things going on in that college. What would a student do if he/she requires-information of that college?
- As time changes, interests and, requirements and wants change too. For example, the same student was interested in a sport and joined a sports club in his initial year of study.
- This blog website is the solution for all the problems, users can login into website and fetch the required data and use the beneficiary programs available in the college.



# SYSTEM ARCHITECTURE





# OUTPUT SCREENSHOTS



## Trending Posts

▼ Filter by Category

[All](#)[Flora & Fauna](#)[Departments](#)[Placements](#)

### ELECTRICAL & ELECTRONICS ENGINEERING

[Raja Ricky](#) | June 16, 2022

The department of EEE offers an



### Ducks and Geese

[Raja Ricky](#) | June 16, 2022

Ducks and geese are birds. Ducks are also called "Waterfowl" because they are normally found in places where



### Computer Science and Engineering

[Hussain Dudekula](#) | June 16, 2022

B.tech CSE or Bachelor of Technology in Computer Science and Engineering





## Posts for category...

Filter by Category

All

Flora & Fauna

Departments

Placements



### Ducks and Geese

[Raja Richy](#) | June 16, 2022

Ducks and geese are birds. Ducks are also called "Waterfowl" because they are normally found in places where there is water like ponds, streams and rivers. MVG.



### Rabbits

[Hussain Dudkhuja](#) | June 16, 2022

MVGR is well-known for its "fauna". Rabbits are one of the animals present in the college campus attracting visitors. These are kept in a hutch. Students can ..



### Eat-ables

[Vashnavi Ch](#) | June 21, 2022

MVGR is known for its flora and its greenary we can find different types of plants and trees in the campus. Papaya is one among them. It tastes sweet and has a ..



### Bamboos & Coconut trees

[Akshaya M](#) | June 21, 2022

Vulgaris: (common BAMBOO)  
Phylum: Spermatophyta |  
Domain: Eukaryota |  
Kingdom: Plantae |

In MVGR, Bamboo can be found at Central Park (in front of ECE..



Akshaya

[VIEW PUBLIC PROFILE](#)

## Update Profile

Username:

Akshaya

Email:

akshaya@gmail.com

First name:

Akshaya

Last name:

M

Bio:

Profile image:

Currently:

[profile-default.jpg](#)

Clear

Change:

Browse...

No file selected.

UPDATE

## Additional Settings

[CHANGE MY PASSWORD](#)[REQUEST AUTHOR ACCOUNT](#)





**Create New Post** ✎

**Create New Post** **ELECTRONICS & COMMUNICATIONS ENGINEERING**[VIEW](#)[EDIT](#)[DELETE](#)**CIVIL ENGINEERING**[VIEW](#)[EDIT](#)[DELETE](#)

Sl. No.	Name of the Candidate	Roll No.	Grade
1	ABHIRAM K	17010101	B
2	ADARSH K	17010102	C
3	ADITHYAN K	17010103	D
4	ADITHYAN K	17010104	E
5	ADITHYAN K	17010105	F
6	ADITHYAN K	17010106	G
7	ADITHYAN K	17010107	H
8	ADITHYAN K	17010108	I
9	ADITHYAN K	17010109	J
10	ADITHYAN K	17010110	K
11	ADITHYAN K	17010111	L
12	ADITHYAN K	17010112	M
13	ADITHYAN K	17010113	N
14	ADITHYAN K	17010114	O
15	ADITHYAN K	17010115	P
16	ADITHYAN K	17010116	Q
17	ADITHYAN K	17010117	R
18	ADITHYAN K	17010118	S
19	ADITHYAN K	17010119	T
20	ADITHYAN K	17010120	U

**Placement of batch[2017-2021] IT**[VIEW](#)[EDIT](#)[DELETE](#)**Bamboos & Coconut trees**[VIEW](#)[EDIT](#)[DELETE](#)



Site administration | Django site ad/ X

127.0.0.1:8000/admin/

Gmail

Pomodoro Timer Onli...

HackerRank

GeeksforGeeks

Spotify

https://open.spotify.c...

YouTube

Wikipedia

Telegram

Amazon

Codetantra MVGR

Other Bookmarks

Django administration

WELCOME, HUSSAIN. [VIEW SITE](#) / [CHANGE PASSWORD](#) / [LOG OUT](#)

Site administration

ACCOUNT

Requests

+ Add

Change

Users

+ Add

Change

AUTHENTICATION AND AUTHORIZATION

Groups

+ Add

Change

BLOG

Categorys

+ Add

Change

Posts

+ Add

Change

Recent actions

My actions

Games

Category

+ Places

Category

Games

Category

+ Games

Category

× raja123

User

× Raja

User



## Permissions

☒ Active

Designates whether this user should be treated as active. Unselect this instead of deleting accounts.

☒ Staff status

Designates whether the user can log into this admin site.

☒ Superuser status

Designates that this user has all permissions without explicitly assigning them.



## User permissions:

### Available user permissions ?



- auth | group | Can delete group
- auth | group | Can view group
- auth | permission | Can add permission
- auth | permission | Can change permission
- auth | permission | Can delete permission
- auth | permission | Can view permission
- blog | category | Can add category
- blog | category | Can change category
- blog | category | Can delete category
- blog | category | Can view category
- contenttypes | content type | Can add content type

Choose all ➔

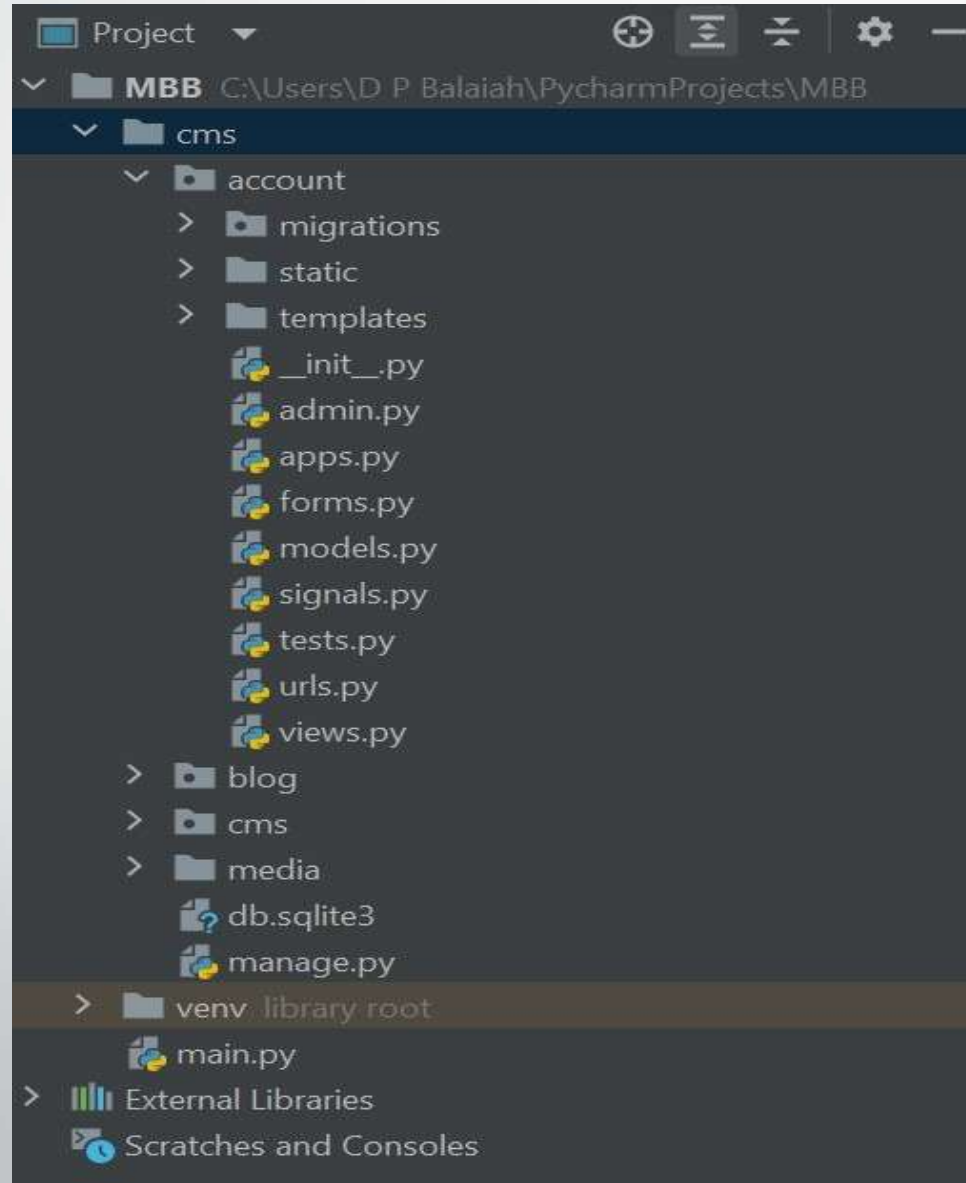
### Chosen user permissions ?

- blog | post | Can add post
- blog | post | Can change post
- blog | post | Can delete post
- blog | post | Can view post

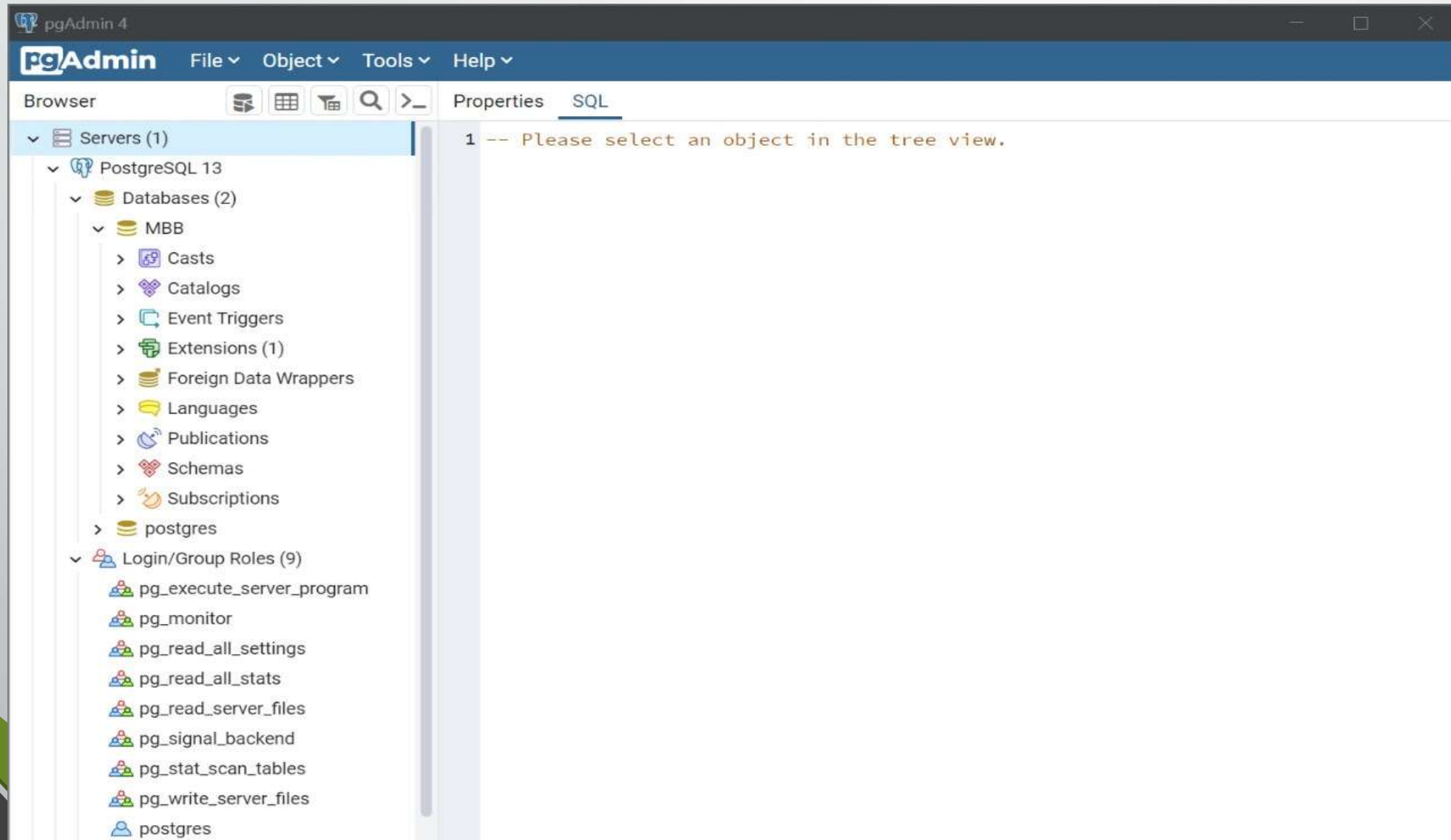
⬅ Remove all



# PROJECT STRUCTURE



# DATABASE STRUCTURE





# CONCLUSION

MVGR blog bundle is not just a website it encounters and resolves all the information regarding issues up to high extent. Users can login into website and fetch the required data and use the beneficiary programs available in the college. The people who are interested in writing would be highly beneficial using this platform as this platform also promotes students to express their writing skills in a highly collaborative and creative way





# REFERENCES

- Django: <https://www.djangoproject.com/>
- W3 Schools – Django: <https://www.w3schools.com/django/index.php>
- MVGR College of Engineering Official Website: <https://www.mvgrce.com/>
- PostgreSQL: <https://www.postgresql.org/>
- Pycharm: <https://hackr.io/blog/what-is-pycharm>

A decorative graphic in the bottom-left corner consisting of two parallel diagonal lines, one dark grey and one lime green, forming a corner shape.

*Thank  
you!*