

# Author

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## Description

Bloglite is a Application which allows users to upload or edit stunning posts and share their thoughts through those posts and even allows users to connect with their friends.

## Technologies used

- **Python**: for basic backend Implementation like API.
- **Flask\_sqlalchemy**: for implementing Database.
- **DateTime**: for storing the date for the deadline.
- **Matplotlib**: for visualizing graphs.
- **VueJS**: for Frontend, Fetching data from API.
- **JWT**: for giving Security of user data, others could not Access any other people data.
- Some inbuilt libraries like **jinja2, render\_template, flask\_restful, marshal\_with**
- **Celery**: to show A mail also repeat something again and again.
- **Redis**: to show Caching

## DB Schema Design

There are 2 Tables in the DB. •

### **User** table

Store details about users registered.

**user\_id**: Unique id of the user.

**username**: Username of the user.

**password**: password of the user.

**email**: Email of the user

**bio:** Bio of the user

**Image:** Profile image of the user

- **Post** table

Stores all the posts.

**post\_id:** Unique id of the list.

**post\_descr:** Description of the post.

**post\_image:** Image of the post

**user\_id:** user\_id of the user

- functions for the follower and the following

*DB Design of Database*

## Architecture and Features

- **sign-in / sign-up system:** Here user can fill in all details for creating a new account and after that user will be able to do a sig-in and then one token is generated for security.
- **Profile:** This page has all the posts of the user and followers and following of the user and exports all the posts of the user.
- **Functionality of Post:** Here, the user can create, delete, and update a post image and description .
- **Feed:** Here the user can see all the posts of the user whom he is following and can even render to their profile.
- **Add friend :** This page allows you to connect with different user

- **Video**

[https://drive.google.com/file/d/1NfO-myDworxAauXTAs8M2Fh07p272Yu\\_/view?usp=share\\_link](https://drive.google.com/file/d/1NfO-myDworxAauXTAs8M2Fh07p272Yu_/view?usp=share_link)