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My passions include math and playing the ukulele. I like to cook. I am excited that my project is finished.

Description

BlogApp is a blogging application which allows users to create their own blogs and other users can follow them. If the user wants, they can edit, delete and export their blogs.

Technologies used

Flask: Used for making backend apis

Vuejs: Used for frontend UI

Flask-cors: Used for cross origin resource sharing

Flask-sqlalchemy: Used for maintaining database connection for sqllite database.

Sqllite database: Used to store the information

Redis for caching

Celery for backend jobs

DB Schema Design

User table: User information data

Blog table: Blog information data

Follow table: Data regarding the follower and following information

There are interrelationships between these tables maintained by the foreign keys being shared

- Blog has many to one relationship with User
- Follow has many to many relationship with User
- Similarly User has one to many relationship with Blog and many to many with Follow

API Design

Each api has a route which is protected by JWTtoken and gives a response appropriate to that api. I have already created the YAML file describing all apis in detail.

Architecture and Features

As the backend is handled by flask, all the controllers, models and views reside at new.py which is a python file.

The frontend part is handled by vuejs there are separate ui components in the components folder of the client main folder.

Features-

- A User can create their own blogs
- Other users can follow them.
- If the user wants they can edit the blog
- If the user wants they can delete the blog
- And export their blogs.
- Request a monthly report of their blogs
- Request for a daily greeting.

Video

<<Link to your online video of not more than 3 minutes length>>

https://drive.google.com/file/d/1qDT347g6S-we9eY2ZXYRgqtFXe4ryQA0/view?usp=share_link