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Description

We need to make a basic blogging website with CRUD for users and blogs. Along with that we
must make a few extra features like likes and following etc.

Technologies used

Flask, redirect, url_for, request, render_template: For making and navigating the pages.
JInja2: Templates for pages.
Sqlite3: for database
os: for creation of some paths.

DB Schema Design

Blog_fac: redundant table ignore it.
Blog_info: bid,btite,uid,bcontent. Main table for blogs.
Blog_like: blog_id,user_id. Stores likes.
Test: ignore this
User_addi: uuid,age,description. Tores the extra info about the users.
User_follow: user_id, follower_id. Stores the follower and following data
User_info: id,name,password. Main table for user.

API Design

APIs have been made for CRUD for users and blogs. A few more made for quality of life features.
More details in the YAML file.

Architecture and Features

/MAD-1 -Project : main folder with Testing, apidef, README, the database.
/MAD-1 -Project/Testing: has static, templates, list of queries, test_db,test_flask
/MAD-1 -Project/Testing/static: all required files and folders for flask's static uses.
/MAD-1 -Project/Testing/templates: Has all Jinja2 templates

test_db: has most of the CRUD APIs

test_flask: is the main flask file. This is the only file to be run.

Basic Login: Using form and python with sqlite3 database

Feed: Using database we see who they follow and display their blogs. Sorted by first created.

Search: Using database we can search for users and blogs

CRUD for users and blogs: Using database and flask forms create, read, update and delete is
possible for blogs and users

Follow unfollow: On the profile page we can follow and unfollow users

Profile: shows the users description, blogs and links to follower and following

Liking: Users can like blogs in the blog's page

Video

https://drive.google.com/file/d/1078pFj3d1eF5uugb62d5Mf6709aPQTx1/view?usp=sharing

Takes very long to stream. Download is faster.