P00: Half-Quick
Team Name: SaltBunnies
Roster: Emaan Asif, James Lei, Kiran Soemardjo, Lucas Zheng
TARGET SHIP DATE: 2025-11-10

Tasks + Assignments

Project Manager: Emaan
- Maintain Devlog/README.md
- Note changes in P00 deliverables/subgoals to teammates
- Oversee work being done/final delivery
- Middleware development:
    - Implementing and setting up routes for user registration/login/logout
    - Create authentication system
    - document everything in requirements.txt

Database: Kiran
- Create tables + initialize database
- Write SQLite queries to:
    - Add new users
    - Edit blogs
    - Retrieve edits/contributions from users
- Test all SQLite queries/functions
- Connect database with flask routes (with Middleware)

Middleware: James
- Create outline of flask app (__init__.py)
    - Handle blog creations/edits
- Set up routes for:
    - profile
    - blog editing/viewing/creating
- Test all routes
- Document everything in requirements.txt

Frontend: Lucas
- Create site map
- Create all html templates + using jinja (without CSS dependence)
    - home.html
    - login.html
    - signup.html
    - edit.html
    - profile.html
    - entry.html
- Ensure navigation links work between pages
- Work with Middleware to display data

- Optional CSS

Tables

The entry and edit tables are linked to profile through the respective "user" columns, and the edit table is linked to entry through the "entry_id" column. The most recent edit will be saved in the content column of entry for each blog page.

Entry		
TEXT	user	FK
INTEGER	id	PK
DATETIME	date_created	
TEXT	content	
DATETIME	recent_edit	

Edits		
INTEGER	entry_id	FK
TEXT	user	FK
DATETIME	timestamp	
TEXT	updated_content	

Profile		
TEXT	username	PK
TEXT	password	
TEXT	blog_name	UNIQUE

Components
  - Edit Component: Allows users to create a blog, add entries to their blog, and edit those entries
  - Authentication Component: Creates new users, logs in existing users
  - Page Component: Displays existing blogs and entries

The edit component uses the Blog interface to create a new blog, and the User interface to link the new blog to a user. The Edit component uses the Entry interface to create or edit an entry, and the Blog interface to add the new entry to a blog.
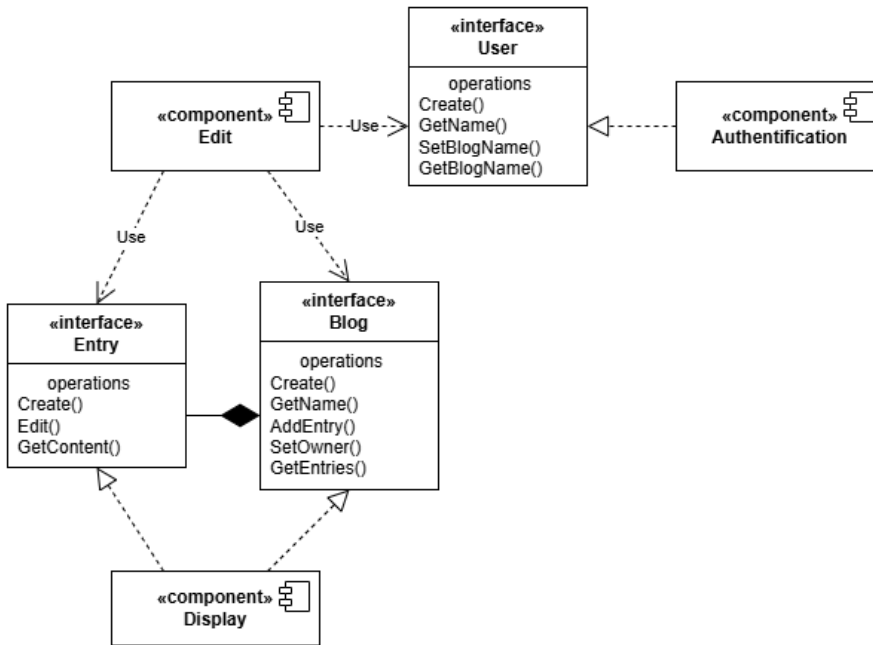
Site map

- entry.html points to itself because each entry has the same link, but the query is different. Navigates to adjacent entries through arrows on top.