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SITEMAP

Front Page
(Q: Is the user logged in?)

N

Y

Login
(Q: Are the entered credentials correct?)
(Additional Q: does the user have an account?)

N

Y

Signup

N

Home Page

View Story
(Q: Has the user already edited the story?)

Y

N

New Story

Edit Story

DATABASE SCHEMA

```
CREATE TABLE users(
    id INTEGER PRIMARY KEY,
    username TEXT NOT NULL,
    password TEXT NOT NULL,
    start_time TEXT NOT NULL,
)

CREATE TABLE stories(
    id INTEGER PRIMARY KEY,
    storyname TEXT NOT NULL,
    start_time TEXT NOT NULL,
)

CREATE TABLE edits(
    story_id INTEGER,
    user_id INTEGER,
    text TEXT NOT NULL,
    time TEXT NOT NULL,
    PRIMARY KEY (story_id, user_id),
    FOREIGN KEY (story_id) REFERENCES stories(id),
    FOREIGN KEY (user_id) REFERENCES users(id),
)
```

COMPONENT MAP

Signup Form → Flask → Insert user into database

Login Form → Flask → Flask adds user to session

Home Page → Flask → Database gets edited and unedited stories → Flask → Template displays stories

User edits story → Flask → Insert edit into database

User creates new story → Flask → Insert story into database

Logout Button → Flask removes user from session

ROLES

CSS: PM
KS: Lead architect and implementer (temporarily code-banned); database/flask developer
MR: Front end developer; tester/fixer
TG: Head route connector; security expert