

**Bug Busters: Victor Casado, Ethan Sie, Marco Quintero, Qianjun Zhou**

**SoftDev**

**P00: Move Slowly and Fix Things**

**2024-10-28**

**TARGET SHIP DATE: 2024-11-11**

## **Program Components**

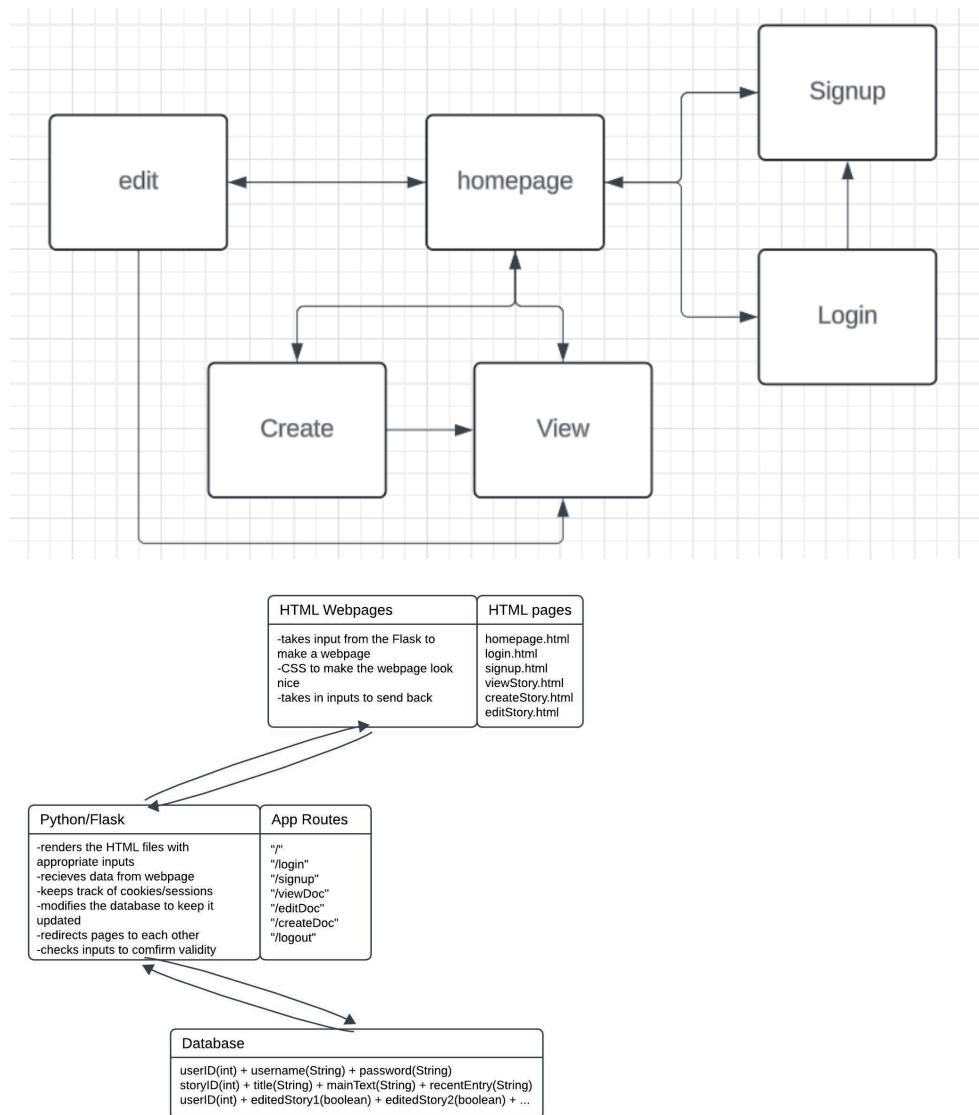
Frontend Components:

1. HTML/CSS
  - a. home.html — Displays a list of stories and provides navigation options.
  - b. login.html — Allows users to log into their account and contains a button to go to signup.
  - c. signup.html — Enables new users to create an account.
  - d. viewStory.html — Shows a story in its entirety, including the title and main text.
  - e. createStory.html — Provides a form for users to create a new story.
  - f. editStory.html — Allows users to edit a story once.
  - g. login.css — CSS for login.html and signup.html
  - h. mainpage.css — CSS for everything else

Backend Components:

1. Flask/Python - Stored session with username, password, and if we just signed in (a Boolean)
  - a. “/home” (Root)
    - i. If no session found, redirect to login
    - ii. If session found, if we just did login, if user/password combo is correct, do not redirect
    - iii. If session found, if we just did login, if user/password combo is incorrect, redirect to login
    - iv. If session found, if we just did sign up, if user/password combo is unique, add user/password to db
    - v. If session found, if we just did sign up, if user/password combo is not unique, redirect to login
  - b. The remaining are described through their names
2. SQLite DBs
  - a. userInfo: Userid (unique integer), username (unique string), password (unique string)
  - b. storyInfo: story id (unique integer), title (string), main text (string), most recent entry (string), creator (integer [same as userID in userInfo])
  - c. storiesContributed: user (integer [same as userID in userInfo]), edited story1? (integer [either 0 or 1]), edited story2? (integer), ... (each column represents one story)

## Site and Component Maps:



## Tasks (Guidelines):

HTML/CSS (makes website look cool and displays all vital information): Victor

Flask/Python session-based logic (allows you to log in and stay logged in): Ryan

Flask/Python other logic (connects HTML code with the SQL code so website has information):

Ethan/Victor

SQLite (handles storing of data and creates simple data manipulation methods): Marco