

Scenario Two: Your team has been contracted to create a **web log** hosting site, with the following features:

Christopher (PM), Stella, Jonathan, Endrit – Sexy Mermaids

SoftDev

P00 - **Web log** hosting site

2024-10-23

Time Spent: 1.5

TARGET SHIP DATE: 2024-11-30

Components

Templates

- **Homepage.html**
 - Will include explain the purpose for the website
 - Contains links to the login/register page as well as the sign out page
 - A link will allow users to go to Blogs.html to see all the blogs
 - Another link will allow users to create their own blog.
- **Login.html**
 - Will allow users to log in to an existing account or create a new account.
 - Utilize cookies and sessions to keep track of the user's status. Users will only be allowed to edit blogs when they are logged in.
 - This page will not allow users to have the same username. This will stop confusion from occurring between the authors of posts.
 - Redirects to home after logging in.
- **Error.html**
 - Error when username already exists
 - Asks user to try again with another username.
- **Blogs.html**
 - This page will contain all the blogs.
 - Search bar will allow users to find blogs based on title or author.
- **ThisBlog.html**
 - This page will contain the current blog. Depending on which blog you click on from the Blogs page, this page will fetch different information
 - This page will allow authors to edit when they are on their own blogs.
- **CreateEdit.html**
 - This page will handle the creation and editing of blogs.
 - Any additional blogs will be added to the database.

- This page is what you are brought to when you click on create from the homepage.
- A user that is on their own blog on ThisBlog.html will be brought to this page if they choose to edit their blog.
- There will be a Title box and an Entry box in which authors can add the titles and text for their blogs.

Static Folder

- **style.css**
 - This file will contain the styling for all of the HTML pages. If necessary, some pages will have their own CSS file which will be greatly similar to this one in order to have a similar look and feel between all pages.

build_db.py

- SQLite3 will be utilized to create and update a database that will store all the information for the blogs in the website.
- The database that will be created and updated by this file will store the user information of each blog (username and password) as well as the content of each blog.

app.py

- This will create all the html pages and give them different paths (/ for home, /login for login page, etc)
- Utilizes flask/jinja

readme.md

- This will contain basic but important information about the project

design.pdf

- Pdf document that will contain the planning for the project. You are reading it right now.

Component Relationships:

- HTML is rendered and hosted through Flask and Python app.py, which uses database information.
- Data entered by the user goes through app.py to the database.

Devo Assignments

- HTML/CSS: Jonathan
- Python/Flask: Chris and Endrit (Also responsible for connecting pieces)
- Databases: Stella

Map:

