

Metamorphosis: Yuki Feng, Eric Sohel, Maya Mori, Aleksandra Shifrina

SoftDev: Pd 8

P00: Design Doc

Time Spent: ~ 1 hr

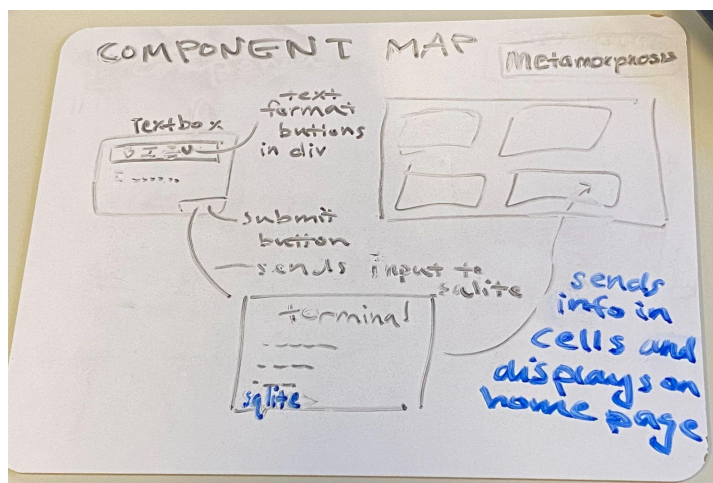
Assignment: Create a “wiki” that acts as a **CONFESSION PADLET**.

<https://www.stuycs.org/softdev-mykolyk/1970/01/02/p00.html>

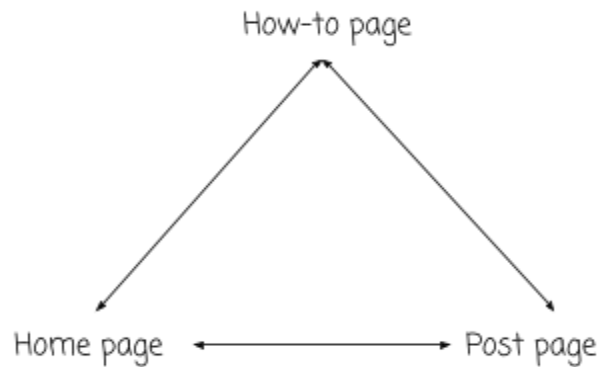
## Program Components

1. HTML template for home page, front page, and post page.
2. For all pages: redirecting links that provide easy access to all other pages.
3. A Structured Query Language database to store data in the back end.
4. User's will be able to send posts to the database, and the page will automatically refresh.
  - a. Users will also be able to comment on posts. Comments will be sent to another database.
5. Home page: Will contain a brief description of the wiki and will be non editable.
  - a. Home page will also contain a search bar to look for other people's posts
6. Post page: will have a HTML template for formatting the comments.
7. Future goals: Login and passwords for every user. {front portion of stuy.edu && pass == fullName}

## Component Map



## Site map



## Frontend

- **Three Pages: How-To Page, Home Page, Post Page**
- Every page has a link back to the How-To page
- The How-To page has a How-To to guide users in posting their confessions. This page cannot be edited
- Formatting buttons that allow users to alter their text (for ex.: bold, underlined, italicized)
- Each post is displayed on home page (exact formatting unknown but posts will clearly be separated from one another)
- Post page has a textbox, with formatting buttons and a submit button. This is where the user will be typing in their confession.

## Backend

- Python module to format text from textbox to HTML and display it
  - Make sure user can't submit an empty textbox
- Someway to look out for invalid inputs for wiki entries (look out for HTML tags)

## Databases

- SQLITE table
  - Title of the page in one column and the main wiki content in another

## Task Assignments

Some tasks to split up:

- Eric & Co. - Managing the database
  - b. Creating the how-To page
- Maya - Formatting user input from the database into HTML
  - B. Making sure that input will not corrupt the page with wrong HTML syntax
- Sasha & Yuki - HTML of the sites
  - Links that connect the sites
  - Make sure all formatting buttons work, 'add post' button takes user to post page, 'submit' button takes user back to home page
    - Lets users bold and italicize text