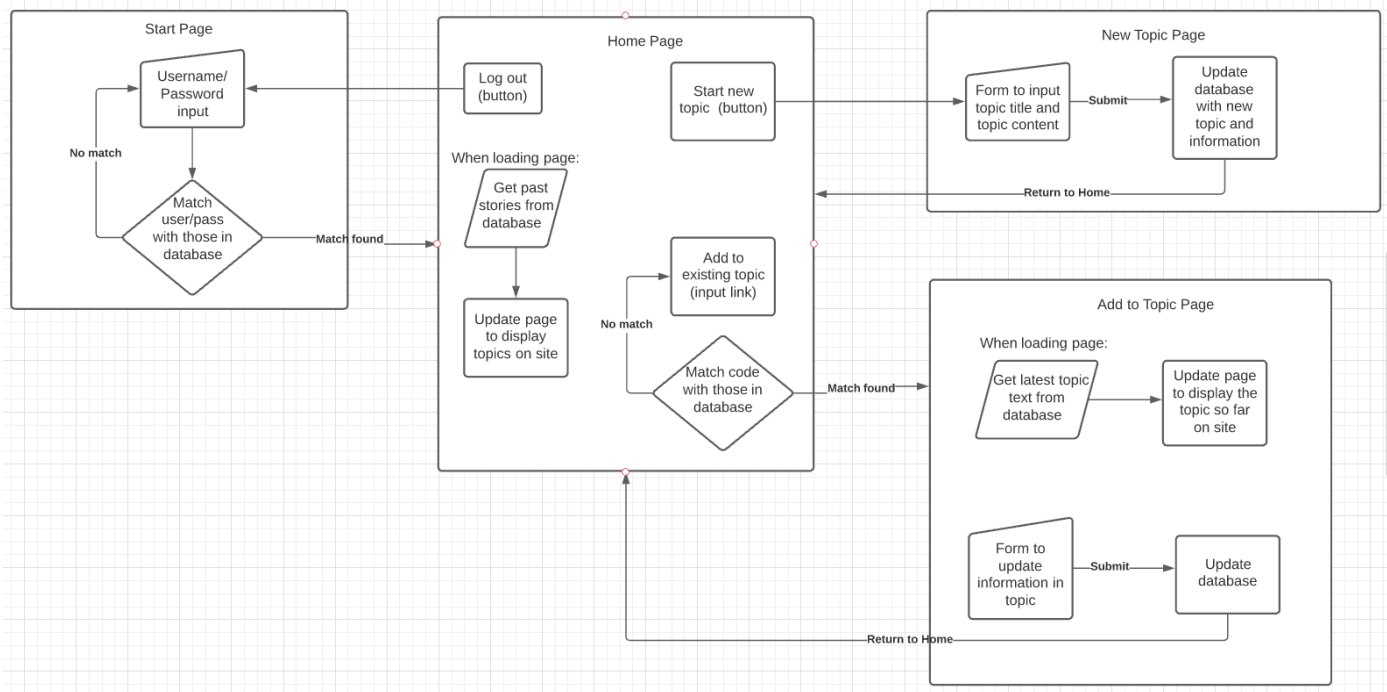Team Whales: Josephine Lee, Hebe Huang, Han Zhang
Softdev
P00: Half Quick
10/25/2021

Front-end:
- Home page
  - Table of Contents
  - Users can sign in
- Template Design

Site map:

Databases:
- Used to serve images
- Organized by tables
  - Users: stores usernames and passwords
  - Pages: stores title of each topic with the information on each topic
- Keep record of all page titles -> search bar implementation?
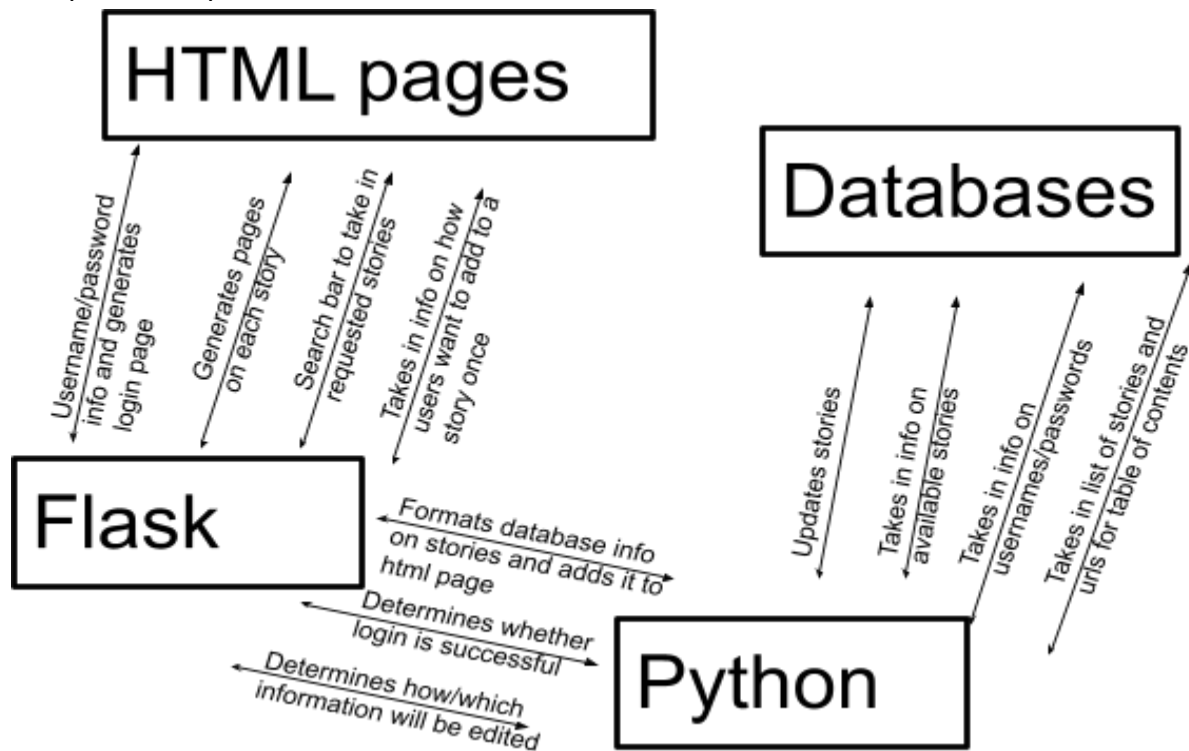
Table of Users and Passwords

User	Password
<user1>	<password1>
<user2>	<password2>
...	...

Table of Wiki pages for Rendering Info

Topic Title	Information displayed on topic	Image (if applicable)
<Title of Topic 1>	<Information on Topic 1 (text)>	<Image for topic 1>
<Title of Topic 2>	<Information on Topic 2 (text)>	<Image for topic 2>
...	...	...

Program Components:
- Python file with Flask routing to the different pages and executing queries in database
- Flask Templates to load each page
- Checking for program failures
- Search bar
- Login/logout

Component Map:

Component Map diagram showing connections between HTML pages, Flask, Databases, and Python.

- HTML pages ↔ Flask:
  - Username/password info and generates login page
  - Generates pages on each story
  - Search bar to take in requested stories
  - Takes in info on how users want to add to a story once
- Flask ↔ Python:
  - Formats database info on stories and adds it to html page
  - Determines whether login is successful
  - Determines how/which information will be edited
- Python ↔ Databases:
  - Updates stories
  - Takes in info on available stories
  - Takes in info on usernames/passwords
  - Takes in list of stories and urls for table of contents

Member Assignments:
- Josephine: Front-end (Templates, Webpage design)
- Hebe: Program Components(Flask app, checking webpage for failures, user management)
- Han: Database implementation(Connecting program components + front-end with database)