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Team: Uh?
SoftDev
P00: Storytelling Game/Website Design Doc
2022-10-27
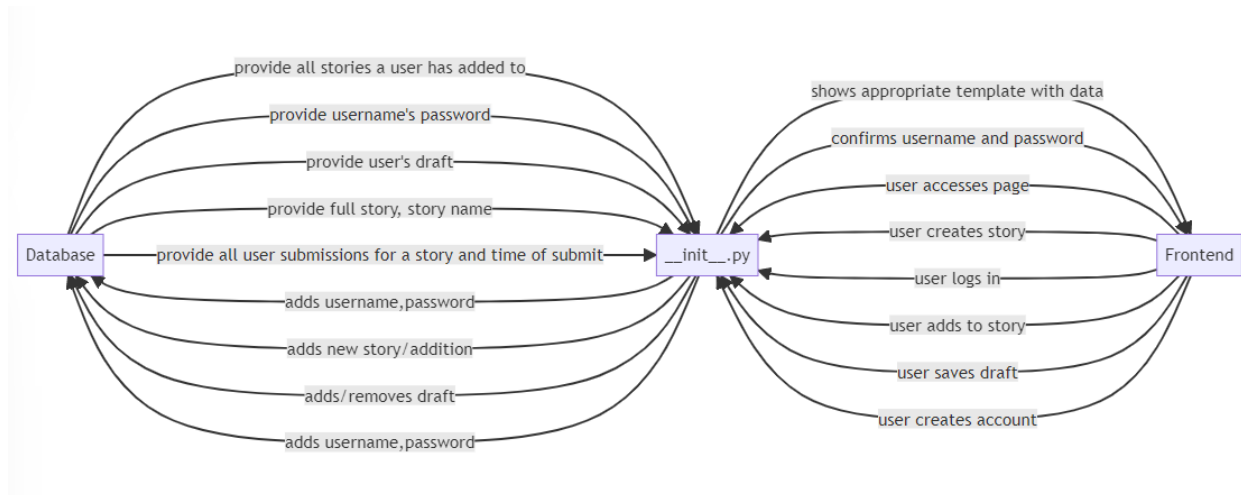Time spent: 4.0 hrs
Target Ship Date: 2022-11-16

Program Components
- __init__.py (To run flask's micro web framework)
  - Renders templates
- Html template files (To display html on a webpage)
  - Main page
  - Login page
  - Full Story page
  - Account creation page
  - New story creation page
  - Edit/Add-to-story page
- Readme (Overview of the Program and how to run it)
- A Sqlite database file for storing info (See Database Organization for more info)
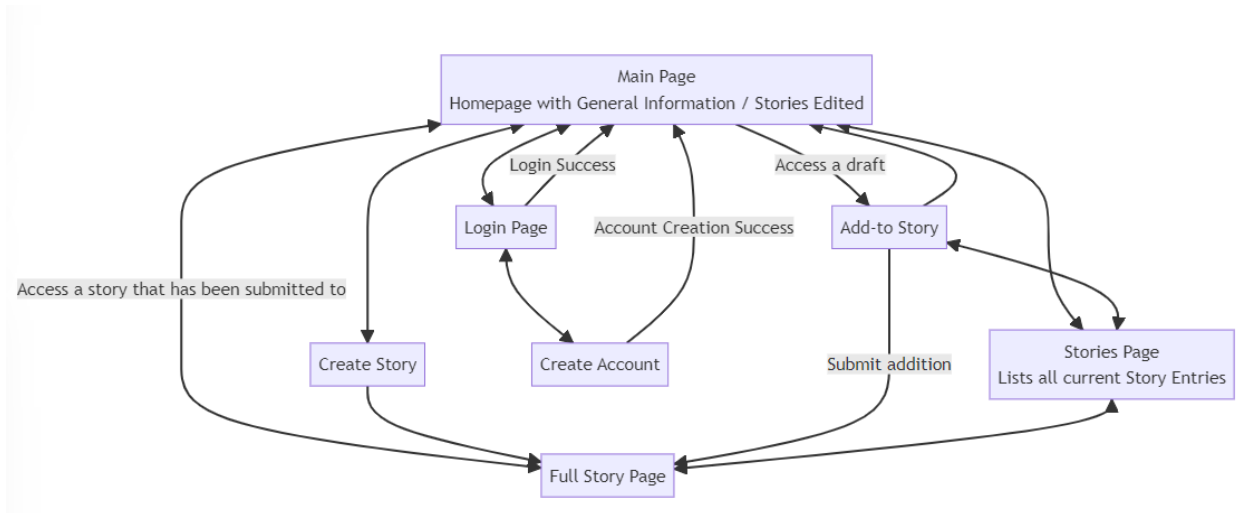- Python file that takes in users changes and creates an html output from it (init.py)

Components Map

Site Map
- Main page (First page to show when opening the webpage)
  - Shows list of all the stories user has created, added to, and has drafts for (assuming user is logged-in)

- ○ Buttons to Login/Signup
  - ■ User is prompted to log-in if not logged-in
- ○ Buttons to edit a draft, create a story, view all stories in the Story Page
- ● Login Page
  - ○ Opened by pressing login on Main Page
  - ○ Html form to enter username and password
  - ○ Redirect to Main Page when successfully logged in
  - ○ Button that leads to Create Account Page
- ● Create Account Page
  - ○ Form to enter a username
    - ■ Checks databases if there is a matching username. If there isn't, prompt the user to create a password
      - ● If there is, prompt user to enter a different username
    - ■ Save username and password together in a table in Sqlite database
- ● Stories Page
  - ○ Displays all Story Entries that you can add to
  - ○ Search function to find a specific story name or id
- ● Add-to-Story Page
  - ○ Displays story title and id
  - ○ Displays most recent addition to the story
  - ○ Provides a textbox to be submitted with user's addition
    - ■ User is limited to _____ words and is unable to submit if over
    - ■ Upon submission, brought to appropriate Full Story Page
  - ○ Button to save as draft
- ● Create Story Page
  - ○ Requests a story title
  - ○ Textbox for start of story that is to be submitted
    - ■ No word cap
    - ■ Upon submission, brought to appropriate Full Story Page
  - ○ Button to save as draft
- ● Full Story Page
  - ○ Displays story title, story id, last added to time
  - ○ Displays the full story
  - ○ Option to view full story with contributors assigned to their respective sections and addition dates

Database Organization
- A FULL STORY table containing the story's title, full story, story id, last added to time
- A LOGIN table containing usernames, passwords, user id
- A PARTIAL STORIES table containing user id, story id, user's addition, user submission time
- A DRAFTS table containing user id, story id, user's draft text

Task Breakdown
- Creating html templates (Brian)
- Ability for user add stories (Mohabir)
- Ability for user to add to stories (Mohabir)
- Preventing people who are not logged in from editing (Verit)
- Preventing people who are logged in from editing the same stories again (Verit)
- Allowing users to see all the pages they have edited on the main page (Brian)
- Ability to login/signup (Brian)
- Ability to save and delete drafts
- Stories page search function
- Ability to view full stories
- Ability to view full stories with "history"