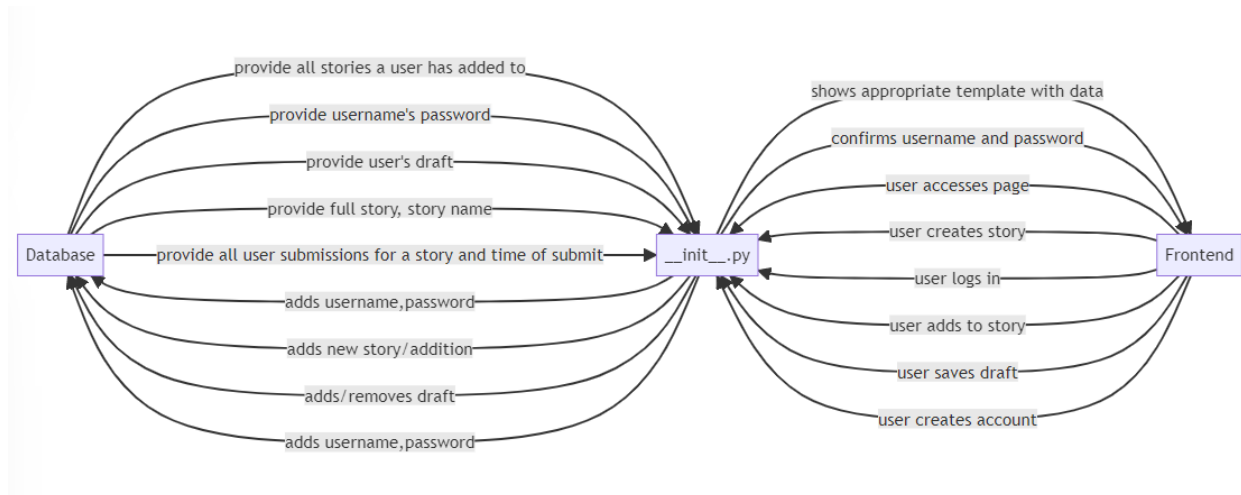


Verit Li, Brian Yang, Justin Mohabir  
Team: Uh?  
SoftDev  
P00: Storytelling Game/Website Design Doc  
2022-10-27  
Time spent: 3.9 hrs  
Target Ship Date: {2022-mm-dd}

### Program Components

- App.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)

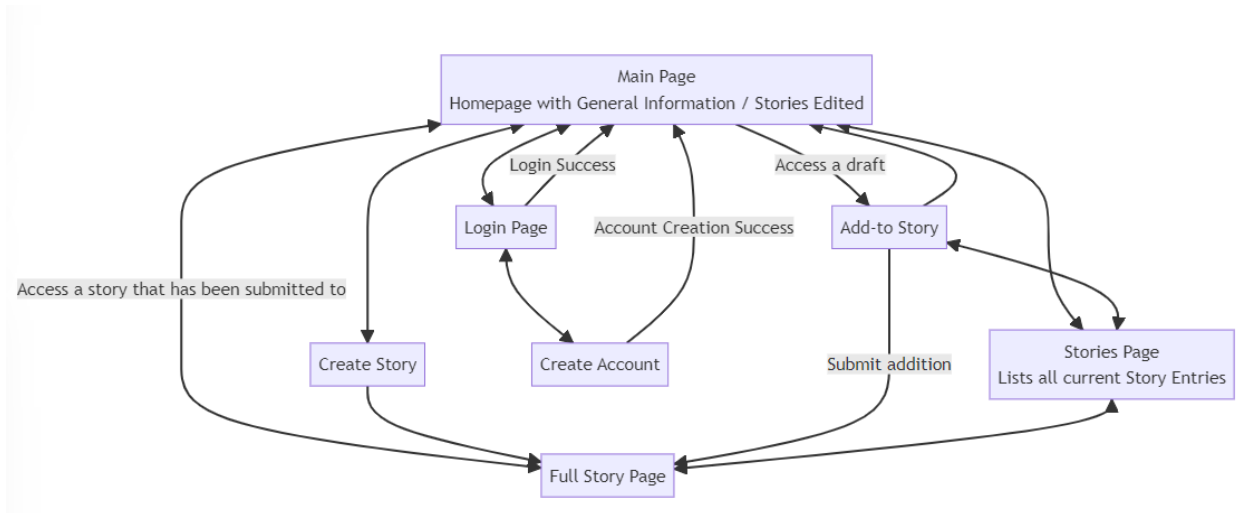
### Components Map



### 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"