

Team mapp  
SoftDev1 pd0  
Task the First-- The Plan  
2019-10-21

### Roles:

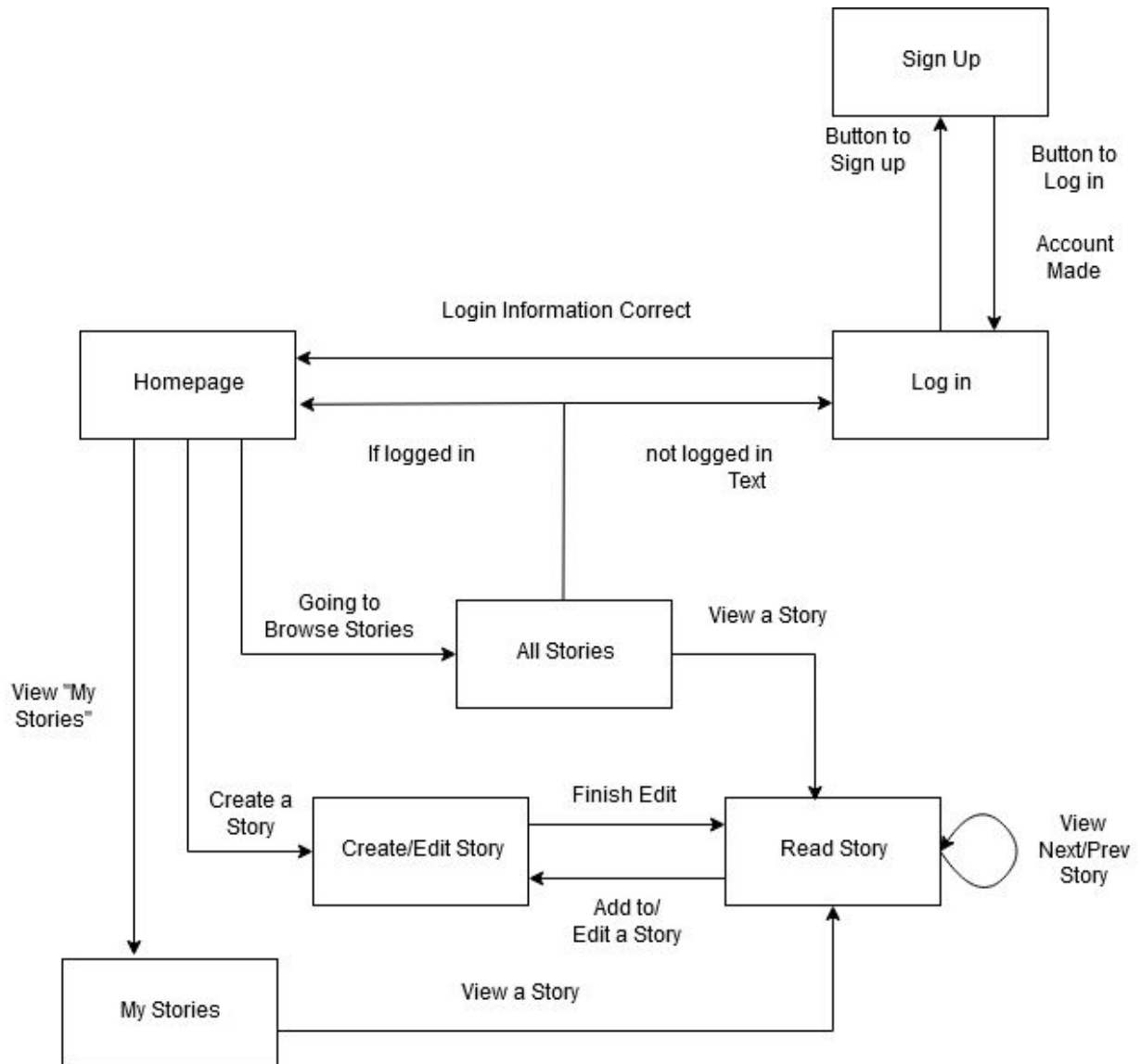
- **Junhee Lee:** Project Manager
- **Pratham Rawat:** Frontend + Backend (Integration to Frontend)
- **David Xiedeng (StudentDX):** Backend (Routing, Form Management, SQL Integration)
- **Kelvin Ng:** Backend (Querying, Cookies)

### Component Map:

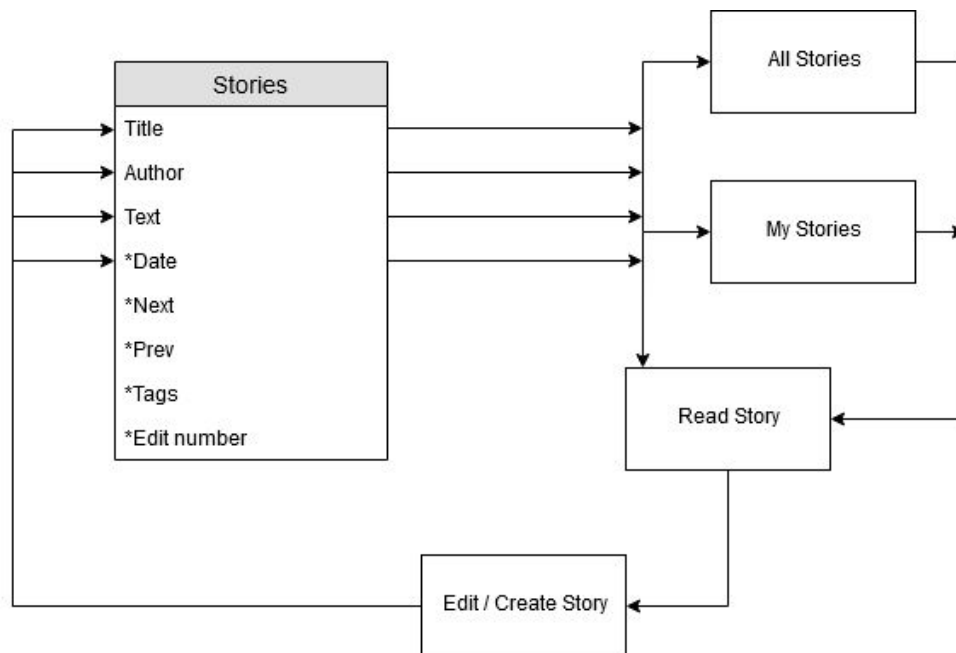
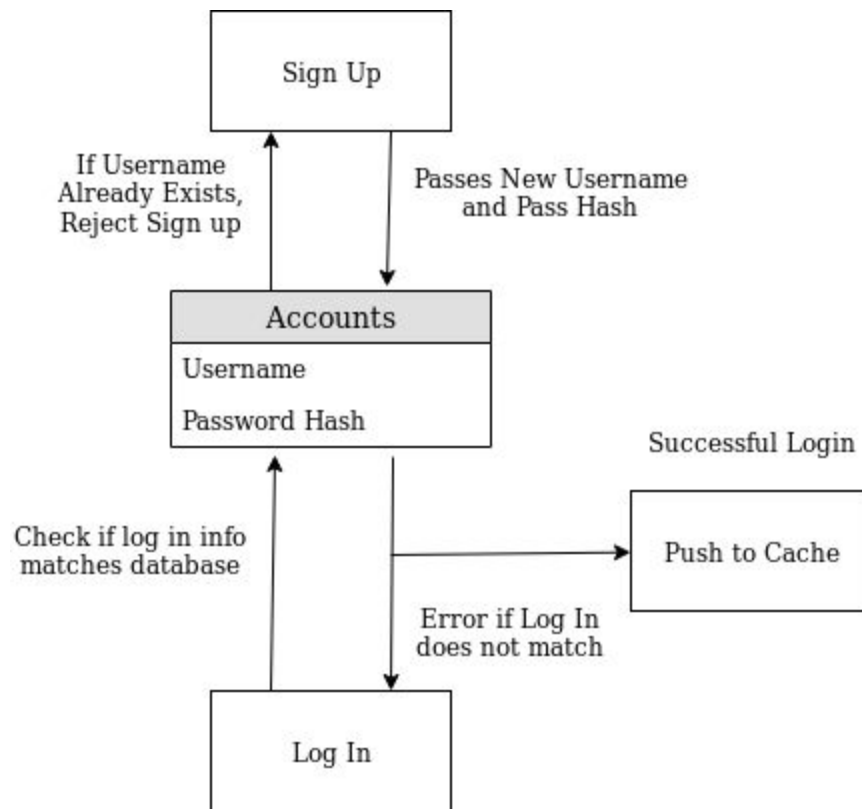
Front End	Description	Backend
Register	Add a new username and password to the existing database (username will be a primary key, so no duplicates will be allowed)	/register route to send data to accounts table
Login	Check the database for the proper username/password combination, and if valid, send the user to the homepage.	/login route queries the accounts table
My Stories	Check the specific database tied to the username, and list out the available stories. Each story can be expanded to show all of the	/mystory route queries the user's table
Edit Story	Inserts rows into a specific story's database, with timestamp and user data (username will also be primary key so no duplicates allowed). Only the most recent entry in the story will be displayed	/edit route sends data to the story table
Search Stories	Queries tables to find a list of relevant stories based off of the search query. This is done off of the title alone, not the text inside the stories.	/stories queries stories table for searching stories

Sitemap:

Routing:



SQL:



\* = (likely just bonus implementation)

- Likely Tables
  - Accounts
    - Username
    - Pass hash
  - Stories
    - Title
    - Author (usernames)
    - Text
    - \*Other stories in a series
    - \*Date
    - \*Tags
    - \*Edit Number (if edits is implemented)
  - Edits\*
    - Title
    - Author
    - Date
    - Edit number
    - Text

# Internal Use Only, Don't Print

Site Wireframe:

*Login Page:*

## Login

Error Message

Username:

Password:

Submit

Create Account

Create Account Page:

## Create Account

Error message

Username

Password

Confirm password

Submit

Homepage:

## Welcome

Create New Story

Add to a Story

My Stories

Logout

Create New Story/Update Existing Story:

## Edit/create story

Error message

Title

Text

Submit

Homepage

List of all Stories Contributed To:

## My stories

Title I      Lorem ipsum dolor sit

Title II      Lorem ipsum dolor sit

Title III      Lorem ipsum dolor sit

Title IV      Lorem ipsum dolor sit

Title V      Lorem ipsum dolor sit

Title VI      Lorem ipsum dolor sit

Homepage

List of all Stories to Contribute To:

All stories

Search stories

Title:

Lorem ipsum dolor sit

Lorem ipsum dolor sit

Lorem ipsum dolor sit

Lorem ipsum dolor sit

Lorem ipsum dolor sit

Lorem ipsum dolor sit

Lorem ipsum dolor sit

Description:

Lorem ipsum dolor sit amet,

Lorem ipsum dolor sit amet,

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Lorem ipsum dolor sit amet,

Lorem ipsum dolor sit

Lorem ipsum dolor sit amet,

Lorem ipsum dolor sit

Contribute now!

Homepage

Read Story:

Title

Text

Author

Date updated

Homepage



[Home](#)

<Title>

Volume: Chapter

<Author>

Updated: <Date>

Text



Suggestion for revised Text page

## Devlog SQLite Join Summaries & Usages

### Inner Join

Inner join creates a table by 'intersecting' the tables given as parameters. The rows in common are concatenated and used as rows in the new table. This can be used to create tables for each story by `USING(title)` and selecting the stories where the titles match

### Left Join

Left join creates a table by including all rows of the 'left' table and matching it up with corresponding rows in the other table. This results in some rows from the other table being excluded, and some rows in the newly created table having null entries. This can be used to get a list of stories each author has contributed to in order to display all the edits the author has created.

### Cross Join

Cross join creates a cartesian product of the two tables, treating them as sets. This maps each element in table A to each element in table B. This does not seem to fit into the current plans for our project.