Team Quack-a-moo -- Isaac Jon, Addison Huang, Mohammed Jamil, Ahnaf Kazi
SoftDev1 p6
Task the FIrst: The Plan
2018-10-16
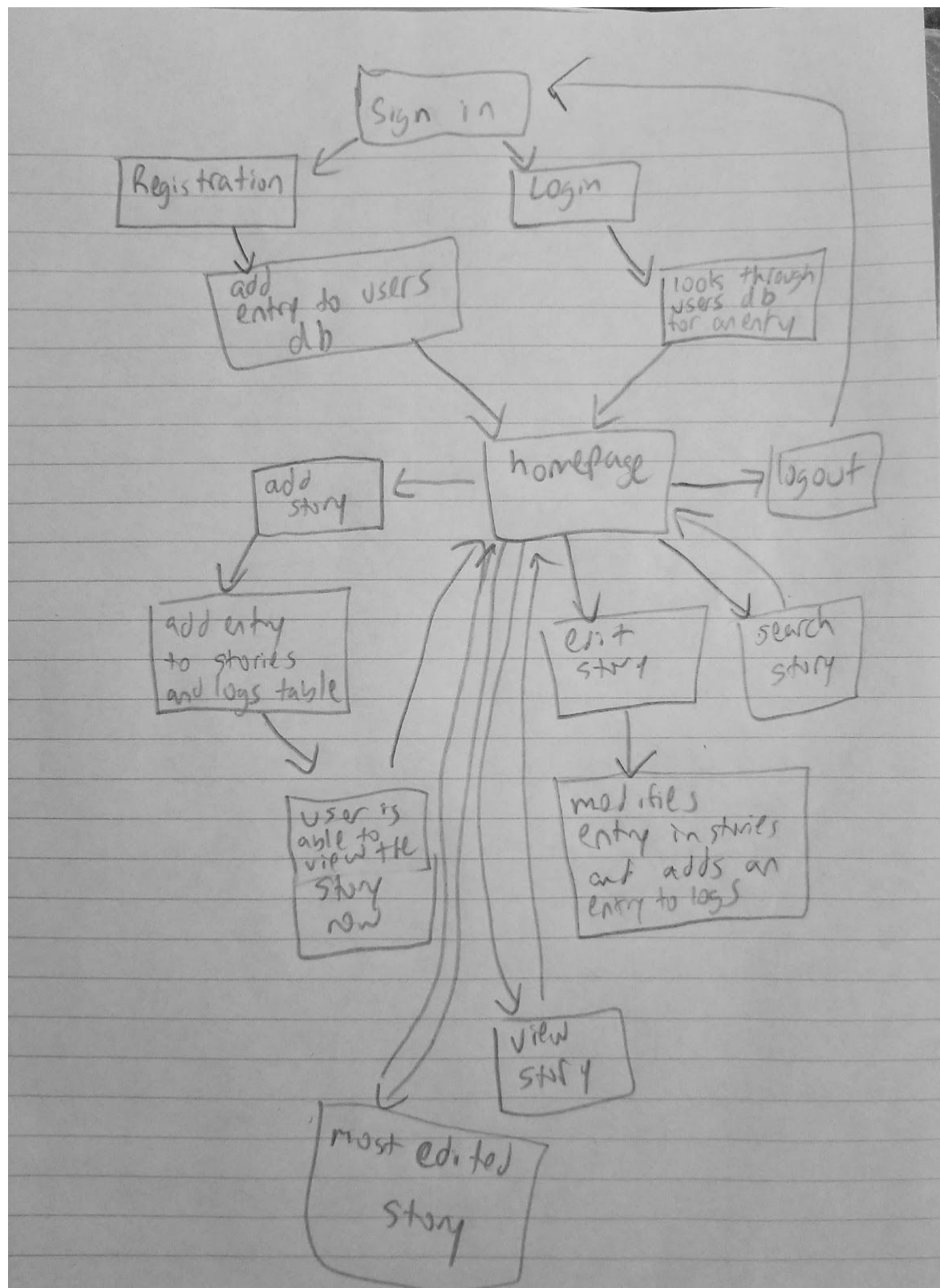
Program Components

- Authentication
    - Role: Only authenticated users are allowed to edit stories, create new stories and view stories that they have contributed to before.
    - Usernames and passwords will be used for authentication
- Creating a Story
    - Allows the authenticated user to create a story with a title and introduction. This creates an entry in the database.
- Adding to an existing story
    - Allows the authenticated user to view the last edit of the story, the title of the story, and add on to the story.
- Viewing stories
    - Authenticated users can see stories that they have added to
- Search (Stretch)
    - Allows the user to search for stories by category and/or title.
- Best Stories (Stretch)
    - List of most edited stories that the user hasn't added to

Roles:

- Ahnaf
    - Authentication functionality
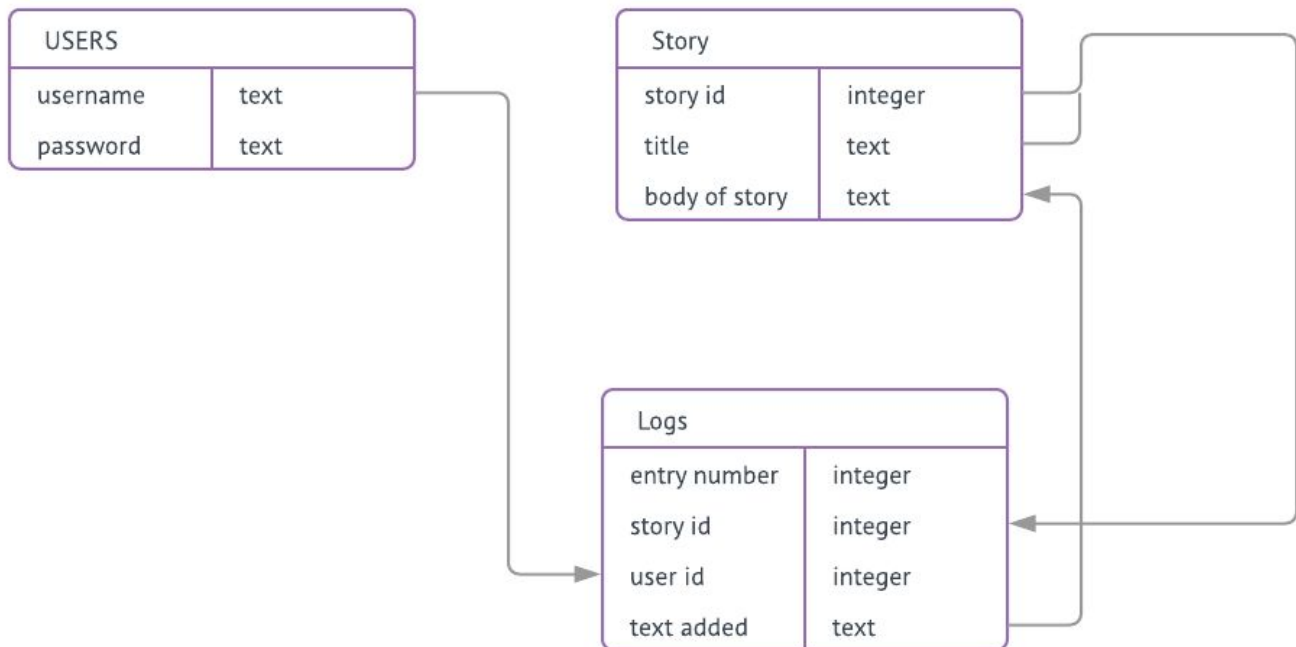- Addison
    - Functionality to add new stories to database or add edits to the log
- Isaac
    - Editing feature, users can only add to the story once and then they can view the whole story, users can choose to not add to story and view the story, etc.
- Mohammed
    - Html templates and flask routes, what to display to user (like the best stories, all stories, etc.)

Component Map

Database Schema:

USERS	
username	text
password	text

Story	
story id	integer
title	text
body of story	text

Logs	
entry number	integer
story id	integer
user id	integer
text added	text

Explanation:
When a user a makes an addition to a story they will see the "text added" from the last log in the log database. After the user makes the addition the log database stores the user id of the user that added something and the story id of the story they added to. Then using the story id the text added from the log database is added to the body of the story field in the story database.

Site Map:

Landing Page
(root route)

If the user is logged in(i.e.
there is an active session)

If the user is not logged in

Home Page

Stories edited by
user

Most edited stories
not edited by the
user

All Stories

Create a Story

Logout

If the user logs in
successfully

Login/ Register

The user can
either login or
register and then
will be sent to the
home page

All Stories

List of unedited
stories

Create Story

Text box to input
title and start of
story

(it will look like the
edit menu with the
option to add a
title)

Edit Story

Show Last
Addition

Text box to input
new addition

View Stories

The user can view the whole
story if:
The user has added to the
story

The user permananetly
disables adding to the story

Popular Storie

List stories with
most additions.

After the user finishes
adding or creating