

Design Document for Storytelling Website

Team Name: PJCubed

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Project Manager: Jason Lin

OVERVIEW OF COMPONENTS

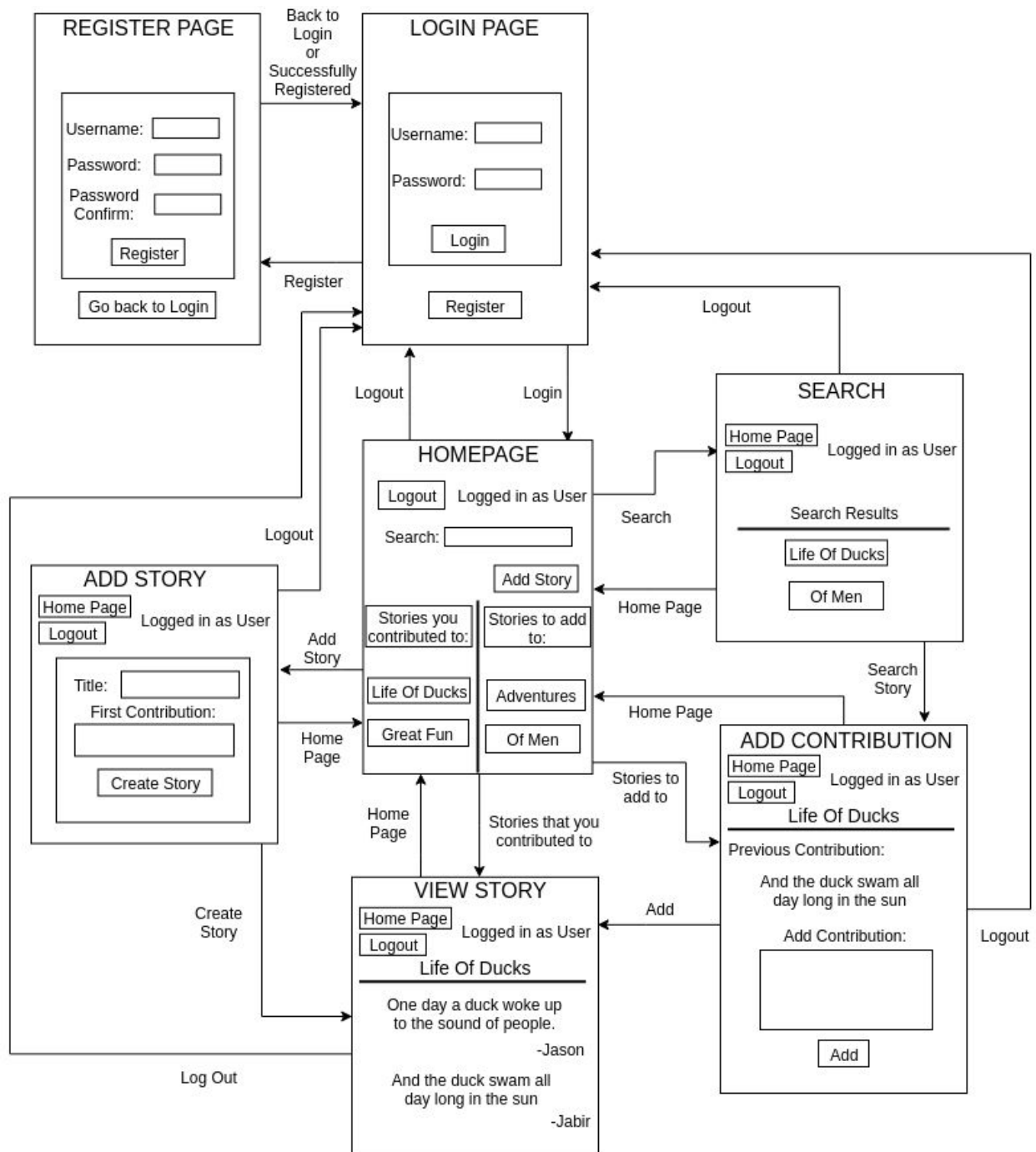
- (/login): When a user enters and **is not logged in**, they will be redirected to (/login). If they are **logged in**, they should be redirected to (/).
 - They have the option to log in or go to (/register) to create an account
 - Fill out a form to log in (POST request)
 - When checking login, use password hashing
- Homepage (/): Redirects user if they are **not logged in** to (/login).
 - Display that they are “Logged in as <username>”
 - Give them the option to logout and remove their session
 - Show titles of stories (links) that they have contributed to
 - Show titles of stories (links to that they can contribute to
- (/register): If user is **logged in**, redirect them to (/)
 - Register for account with username and password (POST request)
 - Password will be hashed
- (/story): If user is **not logged in**, redirect to (/login)
 - Have the following modes:
 - If user has not contributed, use *addition* template
 - Show stories that the user can contribute to
 - For each story, show the title and the most recent addition
 - Have a form for adding to a story (POST request)
 - If user has contributed, use *contribution* template
 - Show title of stories that user has contributed to
 - Display each contribution in order with the body and user who wrote it

DIVISION OF WORK and PHASES

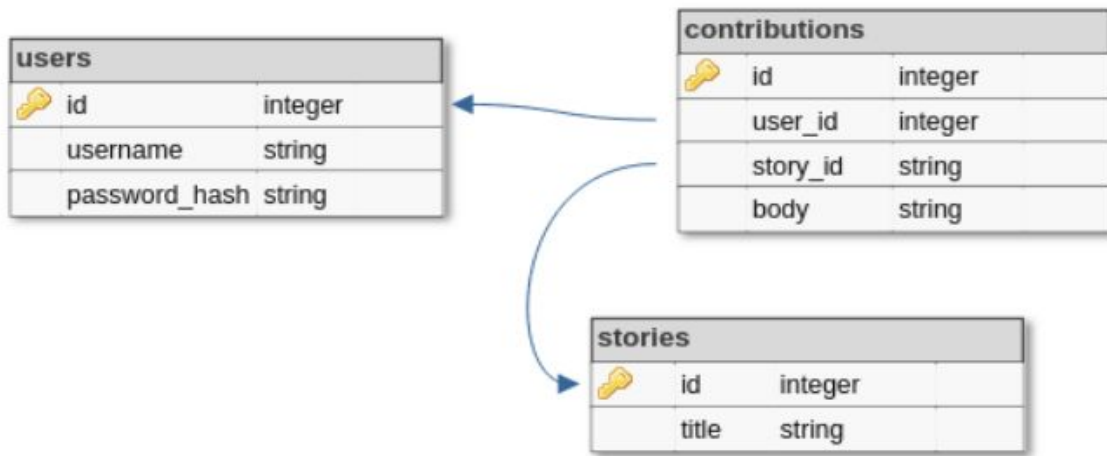
- **Minimal Viable Product Phase**
 - Design homepage (/), story (/story) pages according to the sitemap to start out with. (Jason)
 - Note: /story should have a template for the following:
 - *contribution* template
 - For displaying the stories that user already added to
 - *addition* template
 - For displaying stories that user has not added to
 - Make the *stories* table. (Peter)

- id
 - title
- Make sure that you can display the title and id of each story to start out with. Later on, combine with contributions table (Peter)
- Make the *users* table. (Jabir)
 - username
 - id
 - password_hash ([Learn to Hash](#))
- Basic Login/Logout Feature (/login) (Jabir)
 - Hard code a few accounts to have basic story testing
 - Make sure that you can login and create a session.
 - Make it a POST request
- Make *contributions* table. (Jiayang)
 - id
 - story_id
 - user_id
- **Next Phase**
 - Account creation (/register) (Jabir)
 - Make sure to delete all previous hardcoded after this step is done.
 - Method for Searching through all existing stories (Peter)
 - Search by lowercase of title name
 - Divide by if the user has added or not to that story.
 - Allow users to see recent body segment of stories they haven't contributed to (Jiayang)
 - Include option to add a new story or add on to an existing story
 - Display the stories accordingly on the homepage and story page. (Jason)
- **Extra Phase**
 - Make the website look aesthetically pleasing (Peter)
 - Do not use CSS
 - Follow the sitemap
 - Prettify Code

SITE MAP



DATABASE SCHEMA



COMPONENT MAP

