Design Document for Storytelling Website

Team Name: PJCubed

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Project Manager: Jason Lin

DIVISION OF WORK and PHASES

- **Initial Phase**
  - Make the story table for each story (Peter)
    - story_id
    - user_id
    - body
  - Make a master table of stories (Peter)
    - story_id
    - title
  - Make sure that you can display the title, body, and who contributed to that story to start with. (Peter)
  - Make the users table. (Jason)
    - name
    - user_id
    - password_hash ([Learn to Hash](#))
  - Basic Login/Logout Feature (/login) (Jason)
    - Hard code a few accounts to have basic story testing
  - Make recent_additions table (Jiayang)
    - body
    - user_id
    - story_id
  - Make contributions table to see who can read what story (Jiayang)
    - story_id
    - User_id
  - Design homepage (/), contributed to (/contributions), and add to this story (/story) pages according to the sitemap to start out with (Jabir)
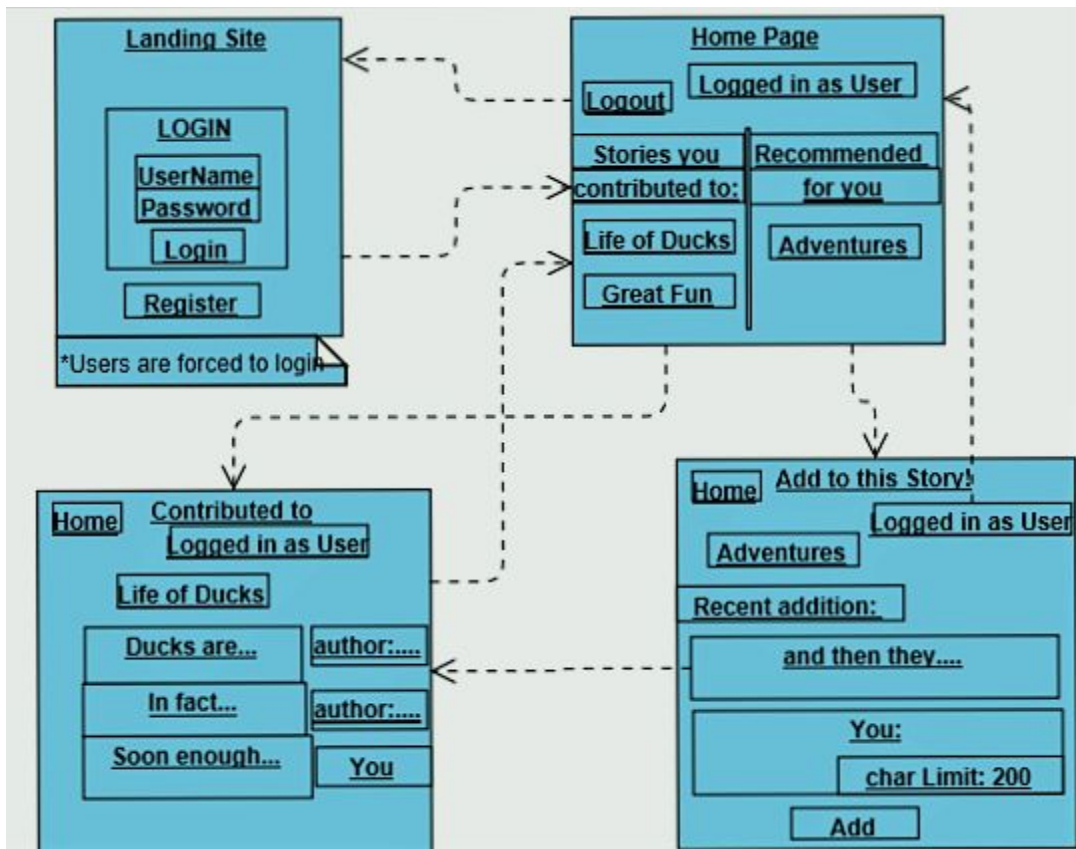
- **Second Phase**
  - Account creation (/register) (Jason)
    - If the user has not created an account,
  - Method for Searching through all existing stories (Jabir)
  - Allow users to see recent body segment of stories they haven't contributed to (Peter)
    - Include option to add story
  - Make the website look aesthetically pleasing (Jiayang)

EXPLANATION OF SITE MAP

- (/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 or login
- (/): Redirects user if they are **not logged in** to (/login).
    - Display that they are logged in.
    - Give them the option to logout
    - Show titles of stories that they have contributed to
    - Show titles of stories that they can contribute to
- (/register): If user is **logged in**, redirect them to (/)
    - Register for account with username and password
    - Password will be hashed
- (/contributions): If user is **not logged in**, redirect to (/login)
    - Show title of stories that user has contributed to
    - Display each contribution in order with the body and user who wrote it
- (/story): If user is **not logged in**, redirect to (/login)
    - Show stories that the user can contribute to
    - For each story, show the title and the most recent addition

SITE MAP

DATABASE SCHEMA

COMPONENT MAP

Landing Site

LOGIN

UserName
Password

Login

Register

Home Page

Logout | Logged in as User

Stories you contributed to: | Recommended for you

Life of Ducks | Adventures

Great Fun

Home | Contributed to

Logged in as User

Life of Ducks

Ducks are... | author:....

In fact... | author:....

Soon enough... | You

Home | Add to this Story!

Logged in as User

Adventures

Recent addition:

and then they....

You:

char Limit: 200

Add

Users

UserID	PK int
UserName	String
Password(hash)	String

StoryID

Body	String
UserID	PK int

Stories

Title	String
StoryID	PK int

RecentAdditions

StoryID	PK int
UserID	int
addedBody	String