

Team Name: The Shiny Wombats



Team Members: Karen Chen (PM), Sasha Fomina, Jerome Freudenberg, Sonal Parab

Project Title: Collab Storytelling Thingamajig

Description: A site where users can login and either create or add to existing stories. When adding to a story, users can only see the latest update, and will then proceed to add their own update (specified size). Once they have added to it, they cannot add to it again, but they may read the whole thing. When creating a new story, users can start with chosen amount of text and give the story a title.

List of Program Components

- Stories Database

- mainStories, fields - title field, story ID, time last updated, last addition, name of story file (txt), last editor username, number of contributors? (maybe)
- userStories, fields - username, story ID (type int), user's addition,
 - Users cannot put commas in the title of a story
- accounts (Accounts/Users), fields - username, hashed password
- Webpages
 - Root = Login page
 - Home page with menu screen to:
 - create a new story
 - view stories you've contributed to
 - add to a story
 - New Story page
 - Textbox for content - form that submits to @new_story which adds to table 1 and 2 of story database
 - Textbox for title
 - Submit button
 - Add to story page
 - List of existing stories (that you have not contributed to), redirects to story page
 - View contributions
 - List of stories you have contributed, sorted by most recent
 - Template story page
 - This page uses the same template for every story automatically produced
- Homemade python
 - SQL library
 - With like functions and stuff
 - Flask app
 - With like more functions and stuff that do routes and stuff

Routes:

Note - the form to create new story and add to story will be based on the same template

@root (login)

@create_account

- Contains a form to create a username and password

@create_account_submit

- Processes new account form and adds username and password combination to the database
- Redirects to @root (login)

@new_story

- Contains a form whose submission takes you to @new_story_submit

@new_story_submit

- Processes new story form and adds it to the stories database (both tables)
- Redirects to home

@view_story_links

- Renders template with list of stories you've contributed to
- Loops through Stories database table 2
- Links take you to @view_story

@available_add

- List of links for existing stories by title sorted by most recently updated
- *maybe add a simple search feature
- Links take you to @add_to_existing

@add_to_existing

- Renders a template of content submission form with title of story and last addition

@add_submit

- Adds to stories db redirects to home

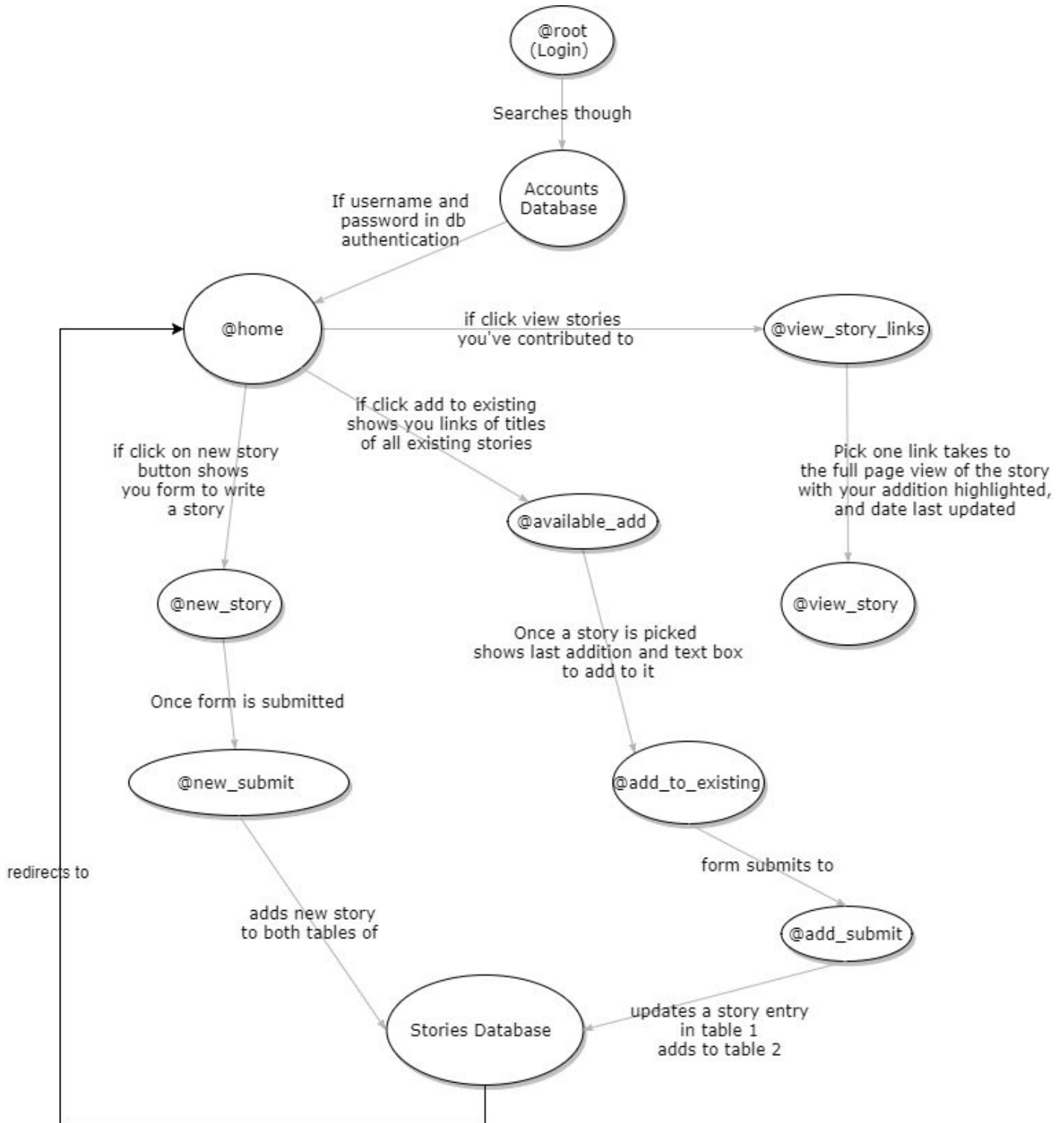
@view_story

- Renders a template which inserts the content and title of the story a user wishes to view in its entirety
- * maybe highlight user's contribution

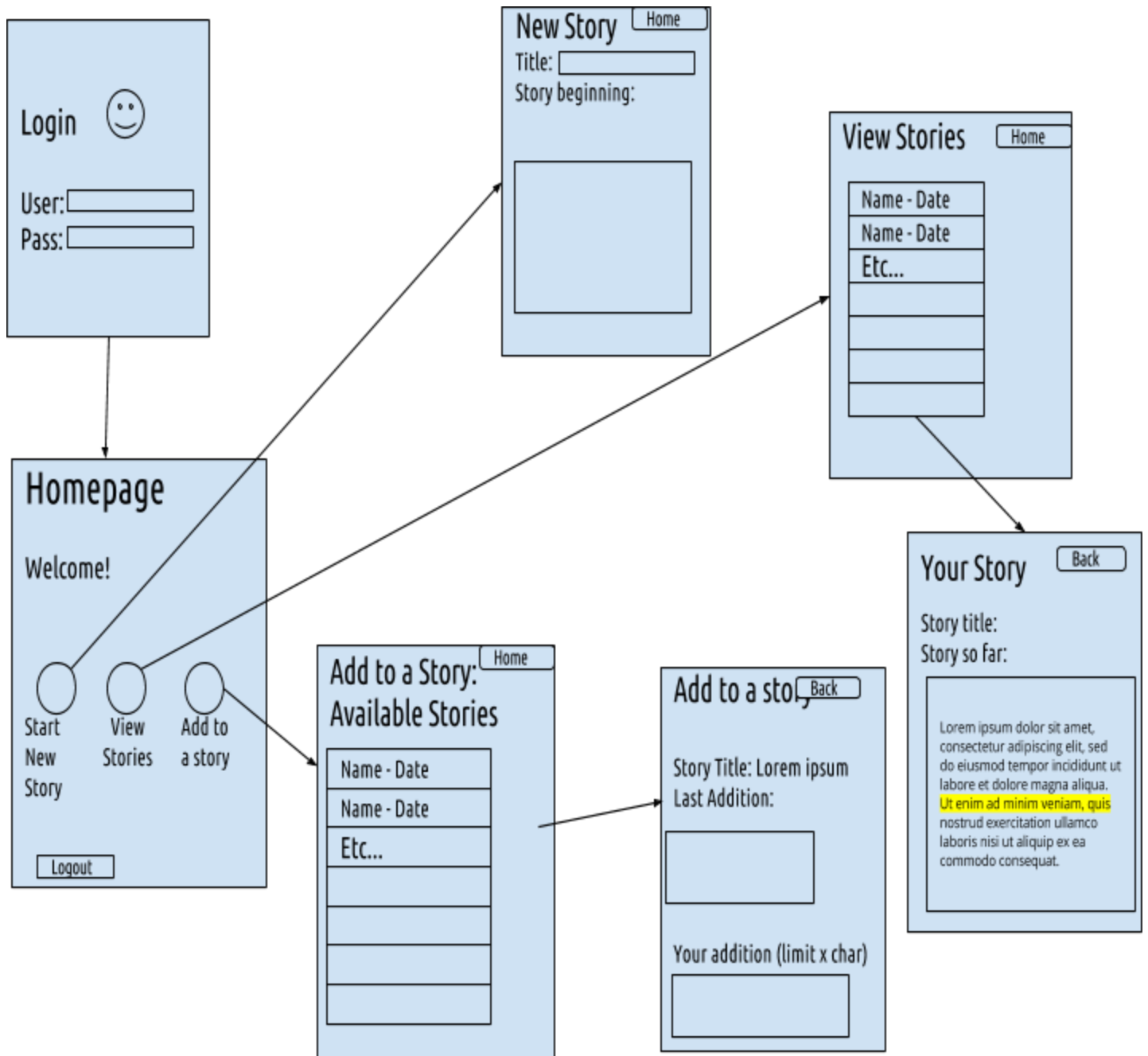
@home

- Four buttons taking you to: @new_story, @available_add, @view_story_links, @root (logout)

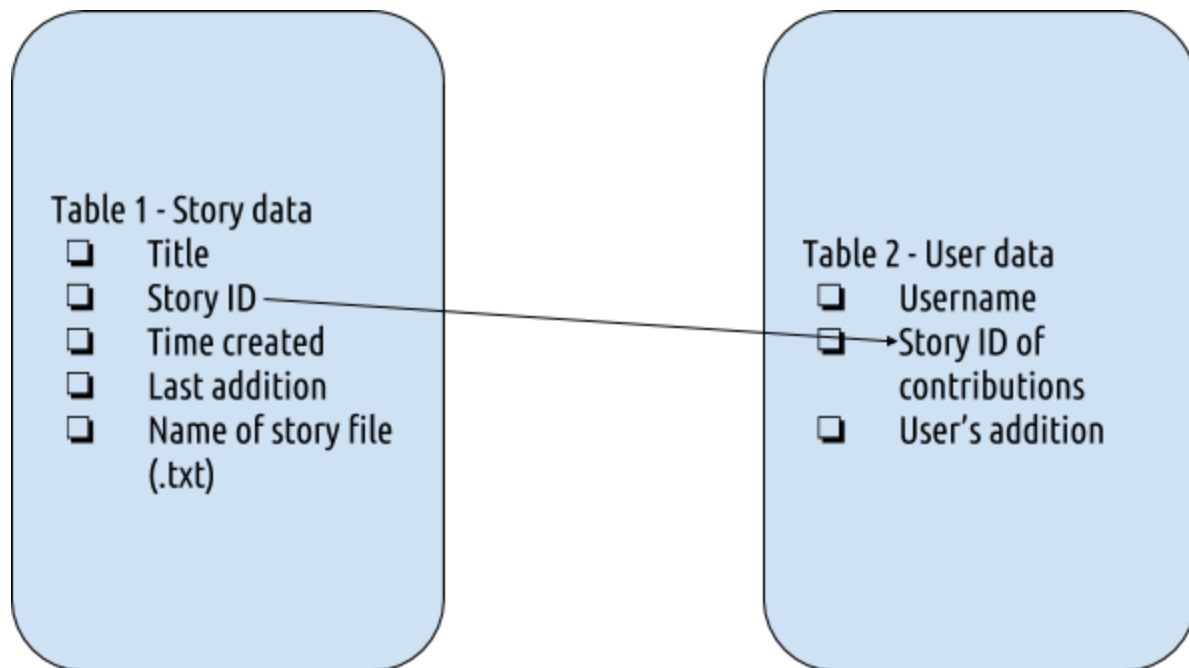
Component Map



Site Map



Database Schema



Tasks and Delegation

1. Project managing - Caren Khen
 - a. Team organization
 - b. Summary thing
2. Home page - Group Effort!
3. Account creation - Sasha F.
4. Login - Sonal P.
5. Database creation/interaction - Sasha F.
6. Adding new story - Jerome F.
7. Viewing stories - Jerome F.
8. Adding to existing stories - Sonal P.
9. Front end and aesthetics - Caren Khen