

Team name: Team Mighty Morphin Story Changers

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Project Manager: Yu Qi Wu

Project: Tele-story

## Features

- Navbar
  - Consistent navbar across all pages. Contains:
    - Home
    - Stories
    - Search
    - Login/Logout
- Home
  - Display a randomly selected story
- Login page
  - Username box
  - Password box \* 2 (to confirm password)
  - Login button redirects to home after confirming information
  - Register button adds the inputted information to the account database
- Search Page
  - Redirects from a search box input in the navbar
  - Displays titles containing the keyword
- Story Page
  - One line of the story clicked is displayed
  - Add to story button
  - Show full story after the user has added to it
- New Story Page
  - Template page for you to write a new story
  - Input box [To title the story]
  - Text box to add the first lines to the story
  - Submit button [To submit the line]
- Edit Story Page
  - Show the previous line of the story
  - Text box [To add a line to the story]
  - Submit button [To submit the line]
  - If two people are editing at the same time, the second editor should receive an error message "Sorry, this section is already been edited. Please refresh your webpage."

Database:

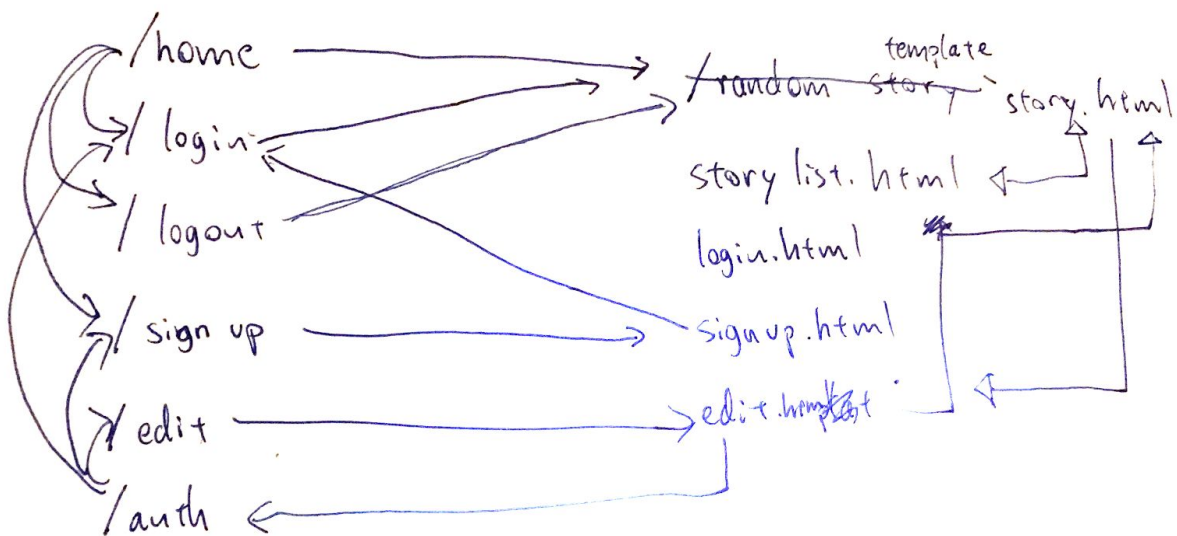
Story Structure
TEXT ( <b>Story Name</b> , name of table containing story)

Story (Name of Table = <b>Story Name</b> ) [One table per story]
INTEGER PRIMARY KEY (Line Number)
TEXT (A single line of the story)
TEXT ( <b>Username</b> of author of line)

User information
INTEGER PRIMARY KEY (Username ID)
TEXT ( <b>Username</b> )
TEXT (password)



File skeleton:

storybuilding.py
<ul style="list-style-type: none"><li>• check(username TEXT, password TEXT) : return True/False</li></ul>

database.py
<ul style="list-style-type: none"><li>• getPass(username TEXT) : return password TEXT if username exist, else return NULL</li><li>• addUser(username TEXT, password TEXT) : add a new user to the database</li><li>• newStory(title TEXT, line TEXT, user TEXT) : create a new table of story and add to the list of the story</li><li>• addToStory(title TEXT, line TEXT, user TEXT) : add a line to the story</li></ul>

frame.html
<ul style="list-style-type: none"><li>• Skeleton / Frame for all the other html pages</li><li>• Uses bootstrap for a front-end interface</li><li>• Refer to the sandstone theme: <a href="https://bootswatch.com/sandstone/">https://bootswatch.com/sandstone/</a></li><li>• Navbar (Contains home, search and a login/logout button)<ul style="list-style-type: none"><li>◦ Search redirects you to the search page</li><li>◦ Button for login/logout redirects to login.html</li></ul></li></ul>

home.html
<ul style="list-style-type: none"><li>• Show a random story with the last edit</li></ul>

stories.html
<ul style="list-style-type: none"><li>• Show a list of stories with story name and last edited information. (should be in a 1x2 table)</li><li>• Button 'random' that redirect to a random story's page</li><li>• List should be organized in alphabetical order</li></ul>

login.html
<ul style="list-style-type: none"><li>• Shows a form with a username input, a password input, and a login submit button</li><li>• Next to the submit button is a button to sign up</li></ul>



search.html
<ul style="list-style-type: none"><li>• Shows a table of search results</li></ul>



story.html
<ul style="list-style-type: none"><li>• Show a specific story with story name and last edited information</li></ul>



Tasks:

- Yu Qi: Project Manager
- Edmond: Account Information
- Kyle: HTML/Jinja
- Kerry: Database