

Team name: Team Mighty Morphin Story Changers

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Project Manager: Yu Qi Wu

Project: Tele-story

## Features

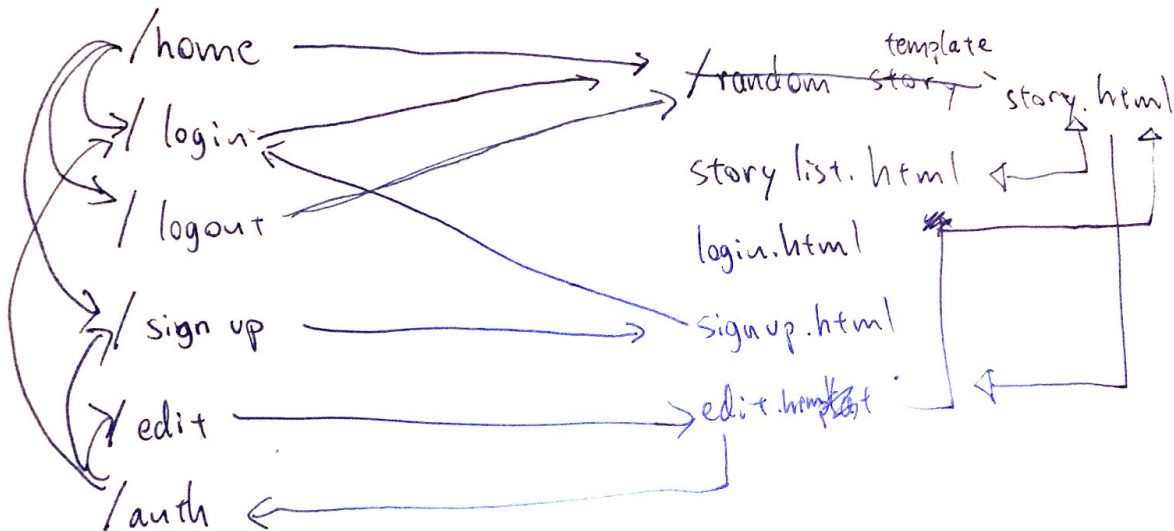
- Navbar
  - Consistent navbar across all pages. Contains:
    - Home
    - Stories
    - Search
    - Login/Logout
- Home
  - Display a randomly selected story
    - Button to add to story
- Login page
  - Username box
  - Password box \* 2 (to confirm password)
  - Login button redirects to home after confirming information
  - Login with new username let you register and then login
- Story Page
  - One line of the story clicked is displayed if the user has not added to it
  - Add to story button if the user has no added to it
  - 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 last line of the story
  - Text box [To add a line to the story]
  - Submit button [To submit the line]

Databases:

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

Story (Name of Table = <b>Story Name</b> )
TEXT (A single line of the story)
TEXT PRIMARY KEY ( <b>Username</b> of author of line)

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



File skeleton:

storybuilding.py
<ul style="list-style-type: none"><li>• Main file that put everything together and make the website works</li></ul>
storybase.py
<ul style="list-style-type: none"><li>• new_story(title, content, user) : Creates a new table of story and adds the given content as the first line of the story</li><li>• add_to_story(title, content, user) : Adds a line to the story</li><li>• edited(title, user) : Check if the user edited the story yet</li><li>• get_stories() : Get the list of stories</li><li>• get_story(title, user) : Return the last line of the story if the user has not added. Else returns the entire story</li><li>• get_ran_story() : Return a random story</li></ul>
userbase.py
<ul style="list-style-type: none"><li>• add_user(username, password) : Adds a user to the users database</li><li>• get_pass(username) : Returns the password for a given username</li><li>• login(username, password) : Checks if the given username password combination exists in the user database.</li><li>• in_session() : Checks to see if user is in a session</li><li>• make_login_cookie(username, password) : Stores the username password combination as a cookie</li><li>• delete_login_cookie() : Deletes the login cookie</li><li>• has_cookie(): Checks if the login cookie exists</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><li>• Button for login</li><li>• Button for Home, Stories, New Story</li></ul>

stories.html
<ul style="list-style-type: none"><li>• Show a list of stories with story name</li><li>• Button 'random' that redirect to a random story's page</li><li>• Click on one story title will lead you to the page of that story</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>• Type in a new username automatically let you sign up</li></ul>



story.html
<ul style="list-style-type: none"><li>• Show a specific story with story name and last edited information</li><li>• Button 'add to this story' allows you to edit</li></ul>



newstory.html
<ul style="list-style-type: none"><li>• Text box for title and line</li><li>• Allows you add a new story</li></ul>



Tasks:

- Yu Qi: Project Manager / Adding comments to code
- Edmond: Account Information Database
- Kyle: HTML/Jinja/Linking to the program
- Kerry: Story Database