

Team name: Team Mighty Morphin Story Changers

Team Member: Yu Qi Wu, Edmond Wong, Kyle Lin, Kerry Chen

Project Manager: Yu Qi Wu

Project: Tele-story

Features

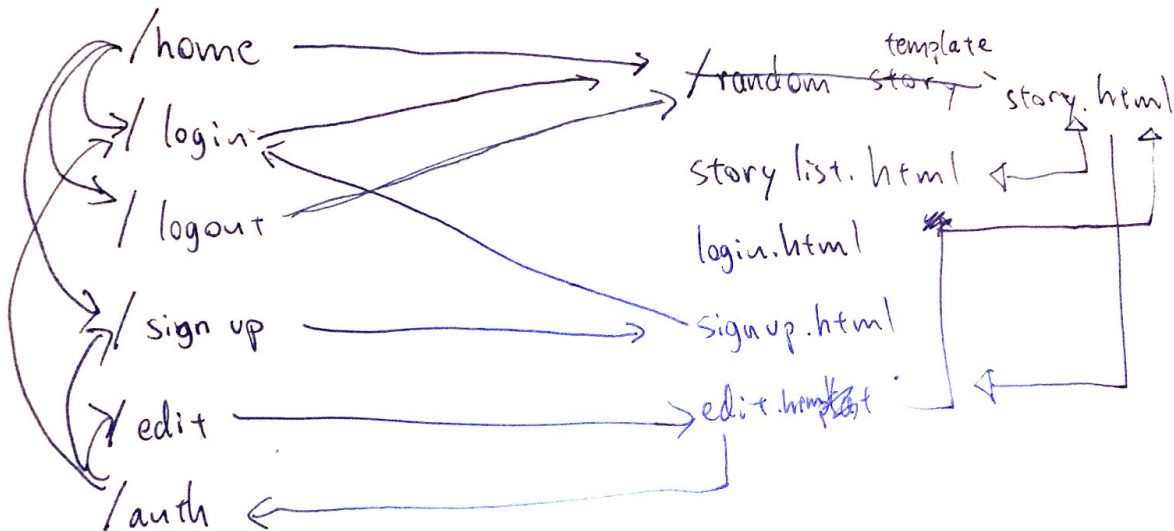
- Navbar
 - Consistent navbar across all pages. Contains:
 - Home
 - Stories
 - Search
 - Login/Logout
- Home
 - Display a randomly selected story
 - Button to add to story
- Login page
 - Username box
 - Password box * 2 (to confirm password)
 - Login button redirects to home after confirming information
 - Register button adds the inputted information to the account database and logs in
- Search Page
 - Redirects from a search box input in the navbar
 - Displays titles containing the keyword
 - Clicking the title takes the user to the story page
- 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 previous line of the story
 - Text box [To add a line to the story]
 - Submit button [To submit the line]

Databases:

Story Structure
TEXT (Story Name , the name of the story. Also the name of the table containing the story)

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

User information
TEXT PRIMARY KEY (Username)
TEXT (password)



File skeleton:

storybuilding.py
<ul style="list-style-type: none">• check(username TEXT, password TEXT) : return True/False
storybase.py
<ul style="list-style-type: none">• newStory(title, content, user) : Creates a new table of story and adds the given content as the first line of the story• addToStory(title, content, user) : Adds a line to the story• getStory(title, user) : Returns the story
userbase.py
<ul style="list-style-type: none">• addUser(username, password) : Adds a user to the users database• getPass(username) : Returns the password for a given username• login(username, password) : Checks if the given username password combination exists in the user database.• makeLoginCookie(username, password) : Stores the username password combination as a cookie• deleteLoginCookie() : Deletes the login cookie• hasCookie(): Checks if the login cookie exists
frame.html
<ul style="list-style-type: none">• Skeleton / Frame for all the other html pages• Uses bootstrap for a front-end interface• Refer to the sandstone theme: https://bootswatch.com/sandstone/• Navbar (Contains home, search and a login/logout button)<ul style="list-style-type: none">◦ Search redirects you to the search page◦ Button for login/logout redirects to login.html
home.html
<ul style="list-style-type: none">• Show a random story with the last edit

stories.html
<ul style="list-style-type: none"> • Show a list of stories with story name and last edited information. (should be in a 1x2 table) • Button 'random' that redirect to a random story's page • List should be organized in alphabetical order
login.html
<ul style="list-style-type: none"> • Shows a form with a username input, a password input, and a login submit button • Next to the submit button is a button to sign up
search.html
<ul style="list-style-type: none"> • Shows a table of search results
story.html
<ul style="list-style-type: none"> • Show a specific story with story name and last edited information

Tasks:

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