

Team Robert'); DROP TABLE S*;-- (a.k.a little_bobby_tables)

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SoftDev1 Pd1

P00 -- Da Art of Storytelling' (Part X) -- Design Doc

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Description

In this web-based game, users of our website will be able to contribute to stories built collectively by the community, each user adding one sentence to a paragraph at a time. However, what makes the results of these stories interesting is the lack of context given to the user when they edit. Someone who has not edited the story in the past may only see the most recent edit. Because of this, adjacent sections will be related to one another, but beyond this scope, the stories will take wild twists and turns. Only once a user has contributed to a story, they can view the story as a whole, and then they cannot contribute again.

List of Components

1. Account Management
 - a. Users will have to register to use the site.
 - b. Logged-in users can either start a new story or add to an existing story.
2. Storytelling
 - a. Reading Stories (restricted to most recent update)
 - i. Users can only read stories after they've added to it
 - b. Adding to Existing Stories
 - i. Users are shown only the latest update to the story, not the whole thing.
 - ii. A user can then add some amount of text to the story.
 - iii. Once a user has added to a story, they cannot add to it again.
3. Database
 - a. Table for Stories
 - b. Table for Each Story
 - c. Table for Accounts
4. Making New Stories
 - a. Users get to start with any amount of text and give the story a title.
 - b. Logged in users will be able to read any story they have contributed to on their homepage (the landing page after login).

Database

stories-list

ID	Name
1	To Kill a Mockingjay
2	Treasure Lake
3	Charlene's Web
4	Oliver Straight
5	Alice in Wonderbread
6	Plant Farm
7	Of Wombats and Women
8	Celcius 232.778
...	...

Edits

ID	Edits	User
1	When he was nearly thirteen, my brother Jem got his arm badly broken at the elbow.	red
1	When it healed, and Jem's fears of never being able to play football were assuaged, he was seldom self-conscious about his injury.	blue
3	When Mr. Arable returned to the house half an hour later, he carried a carton under his arm.	green
7	On the sandy bank under the trees the leaves lie deep and so crisp that a lizard makes a great skittering if he runs among them.	pink
1	He couldn't have cared less, so long as he could pass and punt.	orange
...

accounts

Username	Password
red	aaaaabbbbcccc
orange	yesyesyes01
yellow	ohokthen
green	365/24/7
blue	iamamazing
indigo	ruseriousrn
purple	lolofcinnot
pink	helloworldhelloworldhelloworld
...	...

There will be three database tables for this website. One will keep track of all the stories that have been created, assigning each one a unique ID. The other will keep a history of all the edits made, tracking the contribution, user that contributed, and the ID that goes with the story. The last will keep track of all the accounts.

Site Components

Welcome

Sign In

Sign Up

Welcome! Create, share and read stories

Login/Create Account

Username

Password

Submit

Homepage

All Stories

Create New

My Stories

[The Arabian Night](#)

[DragonBall](#)

Logout

The Arabian Night

Home

It has been related to me, O happy King, said Shahraz d, that there was a certain merchant who had great wealth, and traded extensively with surrounding countries; and one day he mounted his horse, and journeyed to a neighbouring country to collect what was due to him, and, the heat oppressing him, he sat under a tree, in a garden,1 and put his hand into his saddle-bag,2 and ate a morsel of bread and a date which were among his provisions....

Logout

All Stories

Home

Create New

[Charlotte's Web](#)

[Othello](#)

[Naruto](#)

[Attack on Titan](#)

[My Hero Academia](#)

...

Logout

Modify Stories

Home

Back

Othello

Despise me, if I do not. Three great ones of the city, In personal suit to make me his lieutenant, Off-capp'd to him: and, by the faith of man, I know my price, I am worth no worse a place:

Your Contribution:

Submit

Logout

Create New Story

Home

Modify

Title

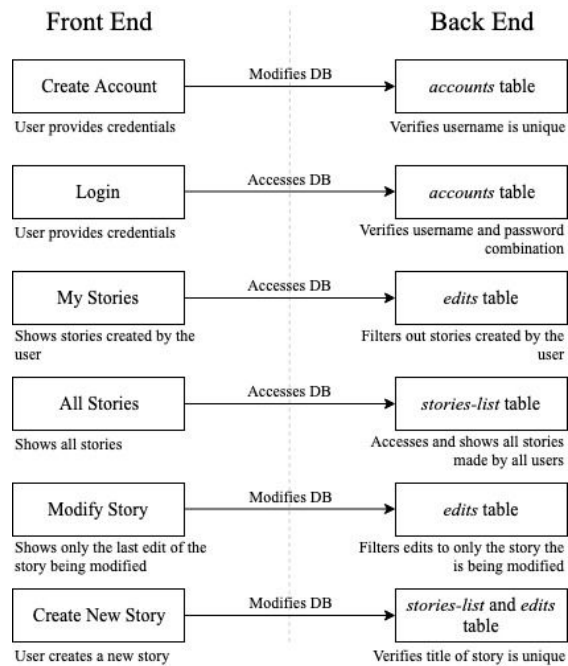
Your Contribution

Submit

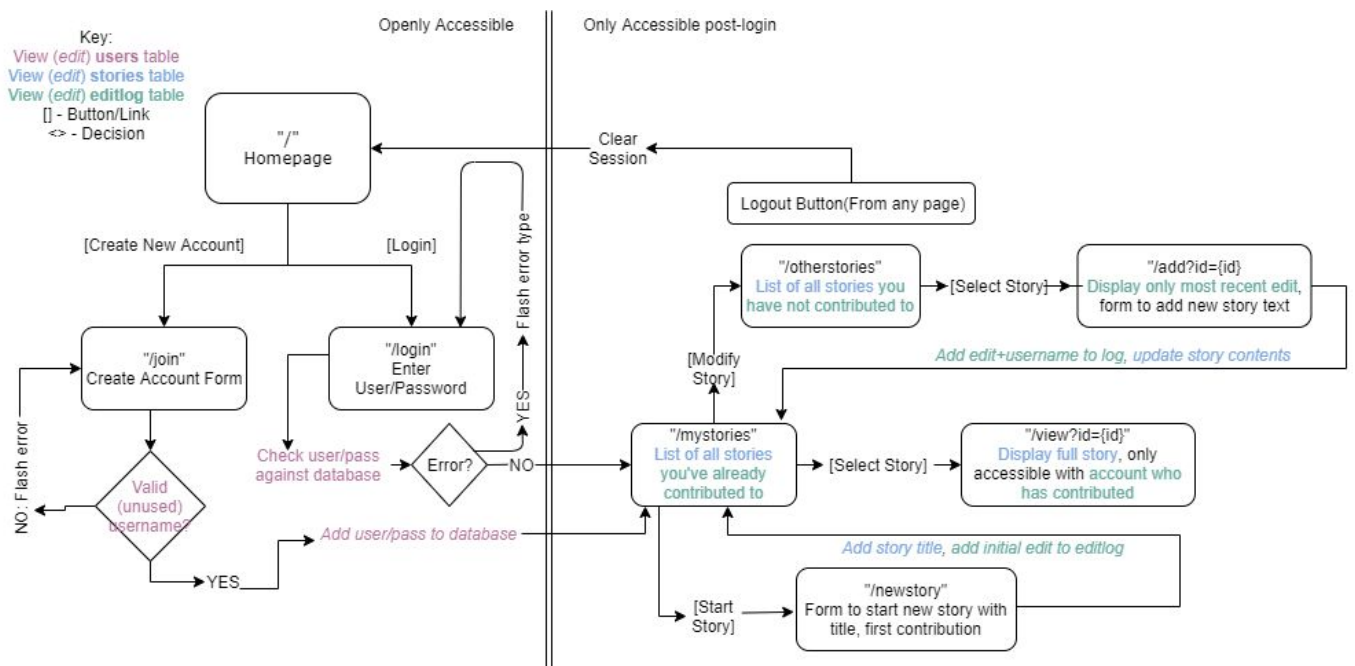
Logout

There will be a total of seven different pages. The landing page will be a sign in/sign up page if the user is not already logged in; else, the user will be led to the home page. The login/create account page will look the same. At the home page, the user can click on a story to read, go to a list of stories to modify, or create a new story. The modify stories and create new stories page will be a form the user can submit to.

Components Map



Site Map



Tasks Breakdown

1. Create an app using Flask -- *Amanda*
 - a. Make a simple app that displays the homepage of the website
 - i. Includes the name of the site, a *login* button and a *create account* button
 - ii. Use templates for team information as the footer and other necessary information in the header
2. Create account management -- *Kiran*
 - a. Add the routes for the login/create account
 - i. Make a database table to store accounts
 - ii. Include error messages warning users of an *incorrect password*, the *user does not exist*, etc.
3. Create the story database table -- *Tanzim + Amanda*
 - a. Make a database table for the titles of all stories
 - b. Make another database table to keep track of all story edits
 - i. Each edit will have an ID to keep track of which story it adds to
4. Create the home page for logged-in users -- *Tanzim*
 - a. Add a route for users
 - i. The page will display links to stories that the user has access to
 1. This only includes stories that they have already contributed to
 2. If they are a new user, there will be no links
 - a. Add instructions for new users
 - ii. Add buttons for *new story* and *modify story*
5. Create the editing function -- *Kiran*
 - a. The *modify story* button will lead users to a new route
 - i. This page will show links to the stories the user has yet to contribute to
 - ii. Each link will lead to a form where the user will see only the title for the story, the previous contribution, and a text box to submit their contribution
 1. Add a maximum/minimum character limit
 - iii. Hitting the submit button will update the database for that story and send the user back to the home page
6. Create the new story function -- *Tanzim + Kiran*
 - a. The *new story* button will lead users to a new route
 - i. This page will show a form for the user to fill out
 1. The title of the new story
 2. A text box with a maximum/minimum character limit
 - ii. Hitting the submit button will update the database for that story and send the user back to the home page