Noobpedia -- Raymond Lee & Kevin Li & Emory Walsh
SoftDev1 pd1
P00 -- Task the First: The Plan
2019-10-21
Version 1

LIST OF COMPONENTS

- Accounts
  - *Create Account* → User will be able to go to a page where you can create an account. It will have you insert user information including the username and password. It will only be valid if the username does not already exist. Once created, the user's profile will be added to the accounts table of the SQLite database.
  - *Login* → The default route is a login page where it will ask for the username and password. This component will need access to the database to authenticate the user.
  - *Logout* → This will log the user out of their account and go back to the site's login page.
- Navigation Between Pages
  - *Menu* → At the top of the page, there will be a menu with possible pages the user can visit or things the user can do.
    - Help Page
    - Login/Logout
    - Home Page
    - Create/view other stories
- Stories
  - Found on the /stories page, there will be a list of stories that the user can add to. When they choose to do this they will only see the latest update to the story.
  - Any story that the user has already added to will be shown in full on the user's homepage (where you land directly after logging in)
  - When creating a new story, it will ask for the title of the story and the content. You will not be allowed to submit nothing.

TASKS

- Be able to log in/register (Kevin)
  - Getting and processing form data
  - Need to be able to compare the data provided via the forms to the data present in the database
  - Establish a session that doesn't disappear
- Database design (Emory)
  - Creating modules that add to each table
  - Being able to access information from each database
- The ability to view stories (Raymond)
  - Only show the latest update and author of the story
  - Disable ability to edit if a user has already written to it
  - HTML Templates to display stories
- The ability to create stories (Kevin)
  - Requirements: a title and non-null text submission
  - Log the fact that a user created this and add to their landing page
- The ability to add to stories (Raymond)
  - Only a set amount of words allowed
  - Log the fact that a user edited this and add to their landing page

DATABASE LAYOUT DIAGRAM

accounts table

Username (TEXT)	*Password (TEXT)*
“pollsmor”	“AadUYbrfV5mLKXp7Dp93pcUUMwkyyE”
“xXx_yolo420gamer69_xXx”	“1234”
“iLoveFortnite”	“vbucksaregreat”
“...”	“...”

Some notes:

- If we have time, we should implement some password restrictions. Maybe:
    - At least 8 characters long
    - Must contain both numbers and letters

stories table

Title (TEXT)	*Creator (TEXT)*
“I Play Pokemon Go Everyday”	“pollsmor”
“Wattpad Simulator”	“iLoveFortnite”
“Grand Tome of Dank Memes”	“iLoveFortnite”

Some notes:

- If a user is trying to edit a story they have already contributed to, they will be denied.
- The creator column really isn’t *that* necessary but whatever. Nice to keep track.

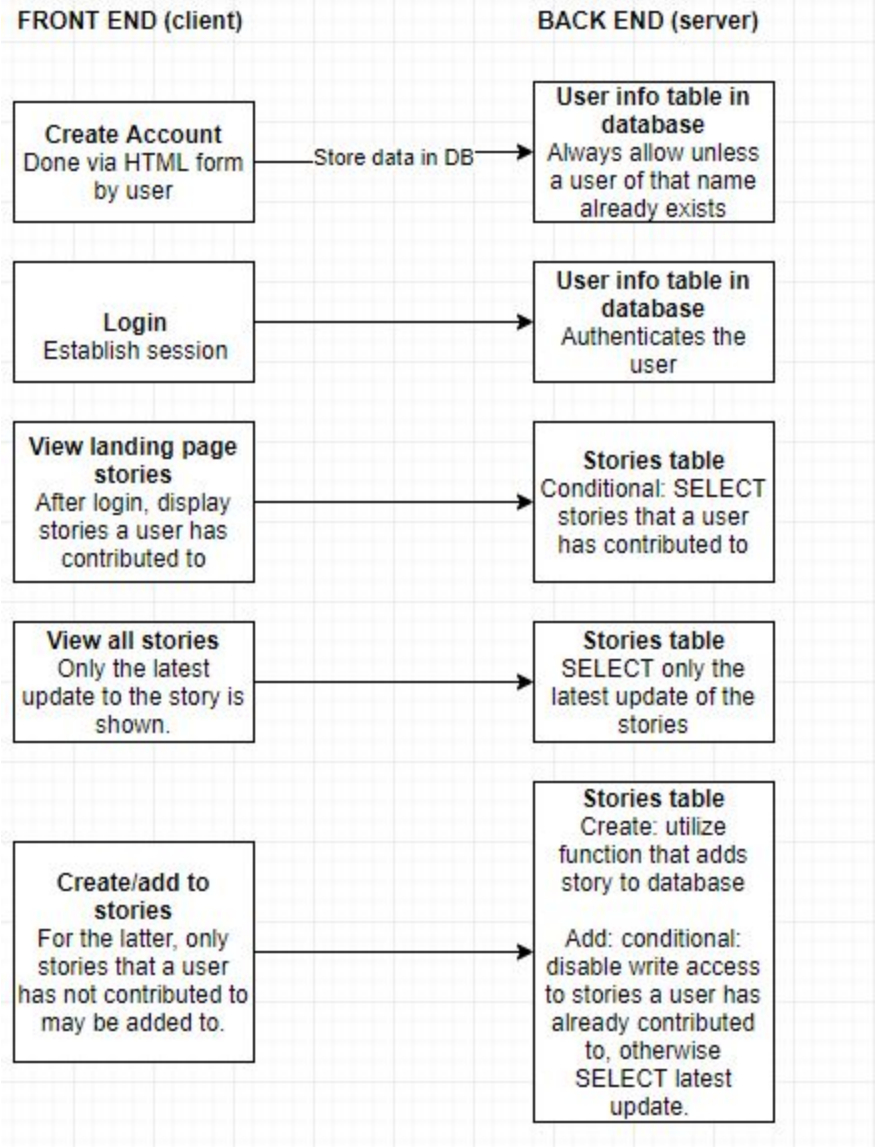
storyUpdates table

Title of Updated Story (TEXT)	*Text Update* (TEXT)	*User (TEXT)*
“I Play Pokemon Go Everyday”	“Pikachu I choose you”	“PikaLover304”
“The Tale of Stuyvesant”	“Me and my pegleg ”	“peterStuyvesant”
“I Play Pokemon Go Everyday”	“And we beat the gym master person”	“PokeBall”

Some notes:

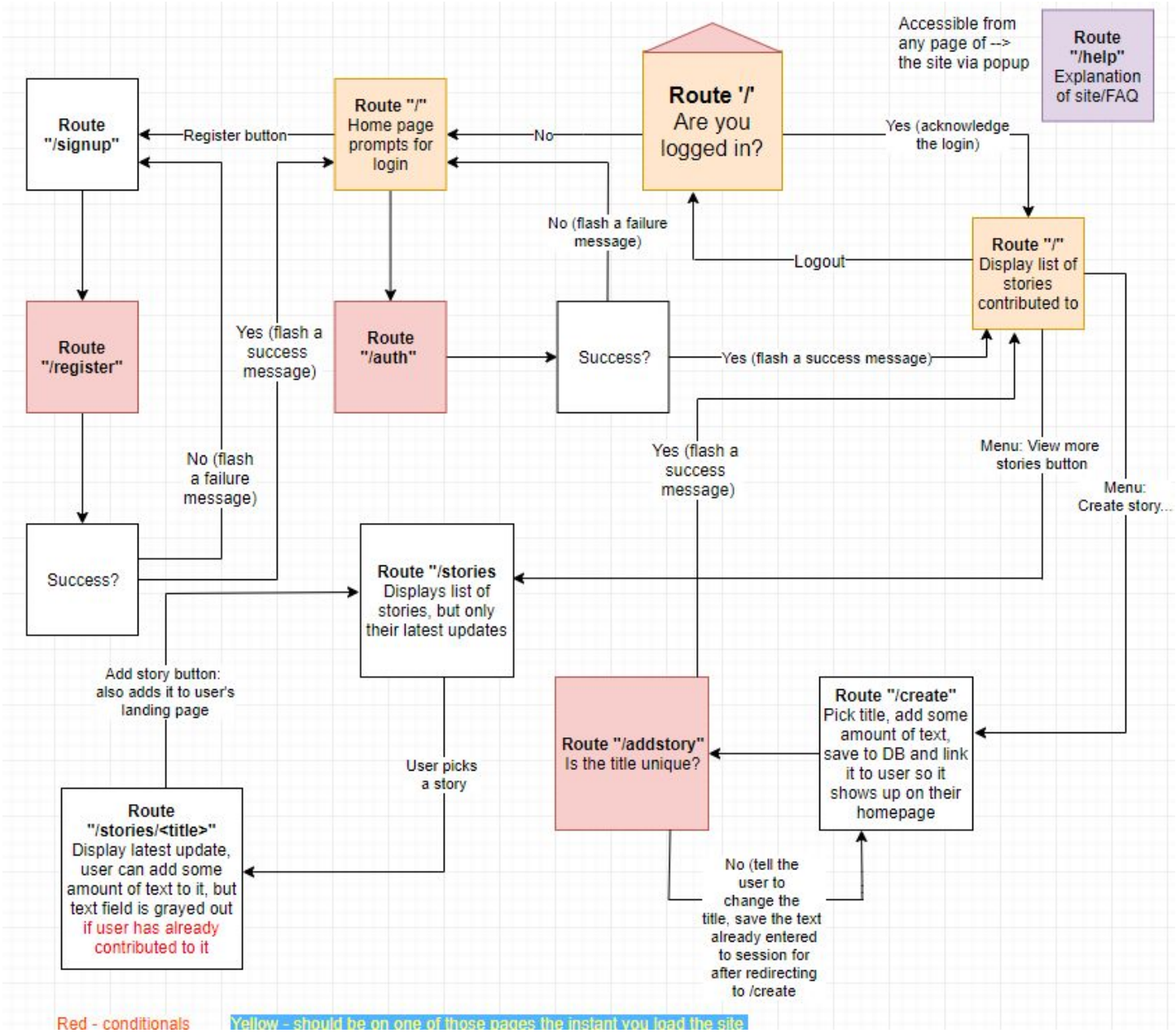
- When creating a story, the initial text is also added to the storyUpdates table.
- Each user should only appear once per story.

Component Map



SITE MAP

https://drive.google.com/file/d/1J1izBrSZjEg1ZRYWbdt-4W-ad2F3l_Ac/view?usp=sharing



Optional Features:

Search feature: search through all titles and find the ones that most closely resemble the search value

Timestamps to record when the story was added

Navigation: button to go back to the home page; logout button