BUNNYTRUFFLES // p00 // "BunnyBlog"

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PROJECT MANAGER: AHMED SULTAN

ASSIGNMENT: SCENARIO 2 :: WEB LOG HOSTING SITE
- Users will have to register to use the site.
- Logged-in users will be able to
    - Create a new blog
    - Update their blog by adding a new entry
    - View and edit their own past entries
- Not logged-in users will be only able to
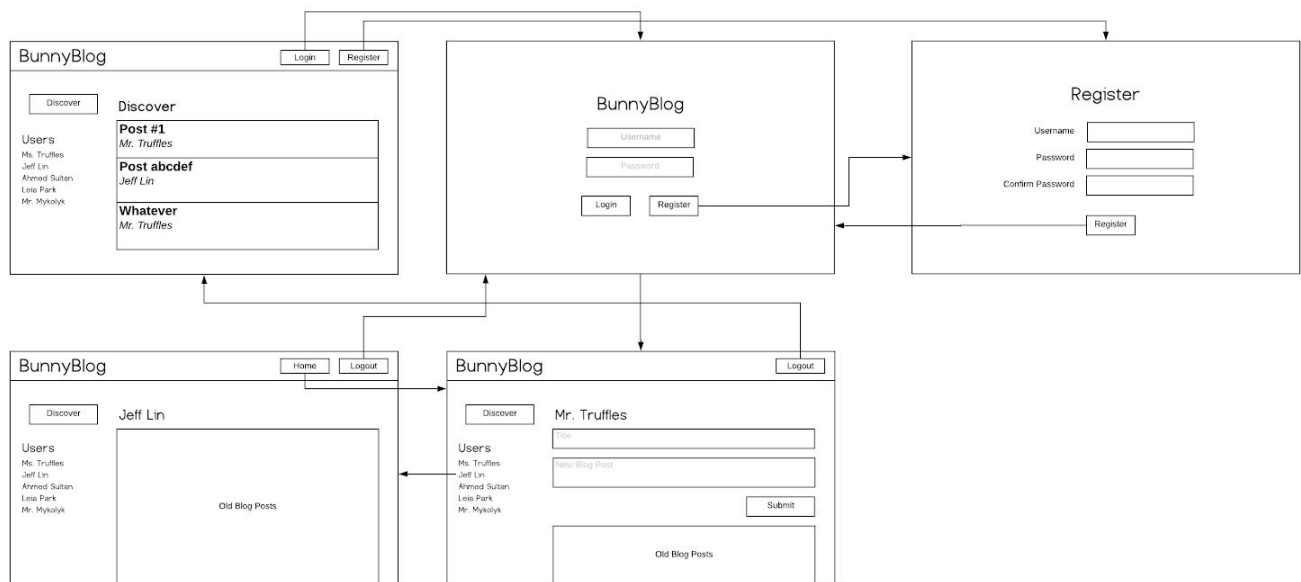   - View the blogs of other users

Front-End Component Map
Sitemap
Sitemap 2.0
Database diagram
Database diagram 2 (page 2)

COMPONENTS MAP

FEATURES LIST
- Accounts
    - REGISTRATION (account creation)
        - User should be able to provide a unique username, and password to create an account on the site
        - Creating an account grants the following privileges:
            - Personal blog
            - Write access to personal blog
    - LOGIN (account access)

- User should be able to access their account, provided they have already created one, using the same unique username and password
- Logging in to an account grants the following privileges:
  - Write access to personal blog
- Logged in?
  - If user is logged in, top menu shows "home", "discover", "logout"
  - Else (if not logged in), top menu shows "login", "register", "discover"
- Viewing blogs
  - Regardless of logged-in status, all users of the site will be able to view all blogs on the site
- Writing blogs
  - Only users who have created accounts and logged in will be given their own personal blog
- 'Discover' page/home page
  - When a user visits the home page of the site, they will be met with a variety of blogs from different users
    - Clicking any one of these elements takes the user to that blog's location on the site
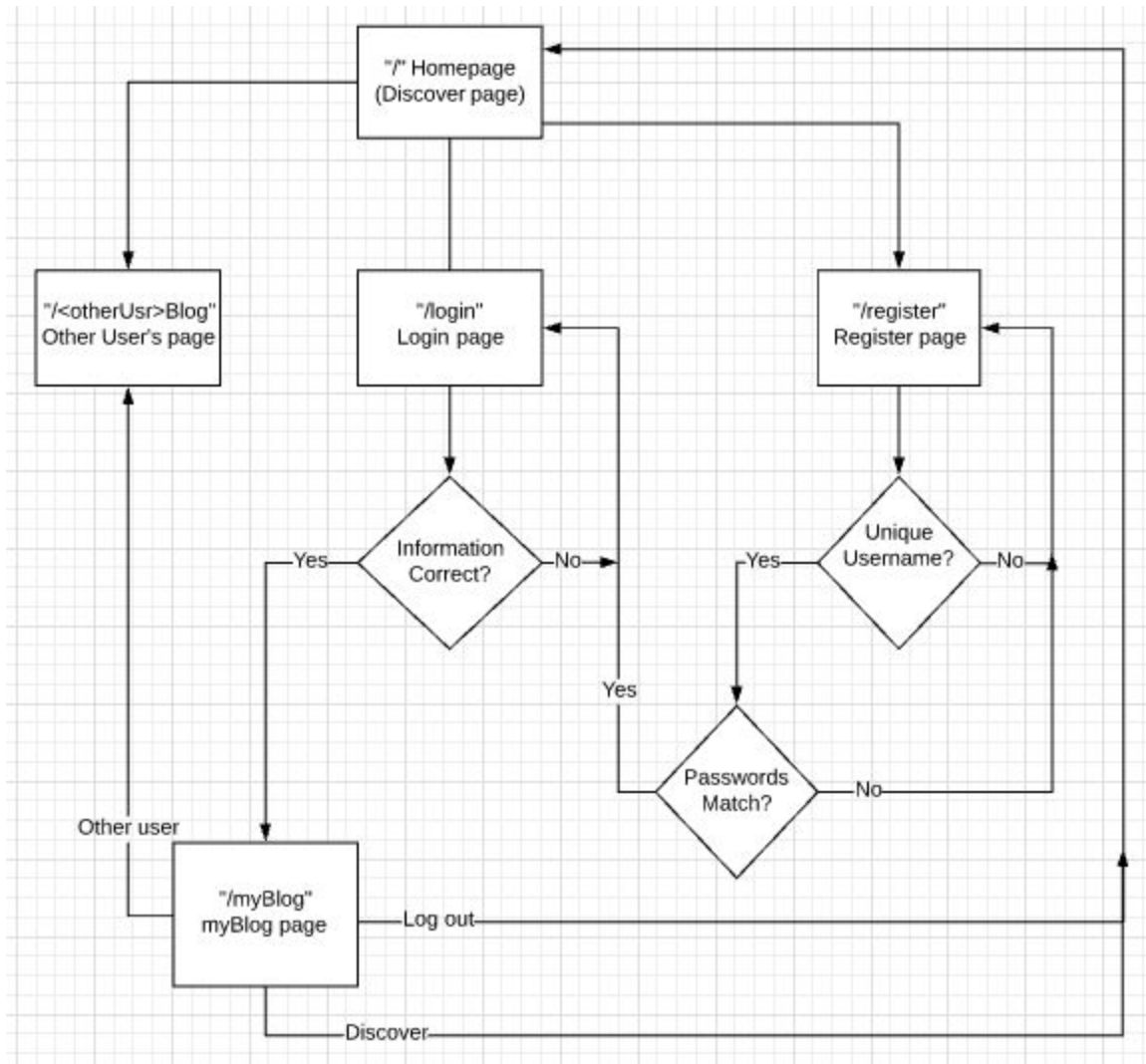
PAGES for SITE
** parent page contains:
- **header "BunnyBlog"**
- **Buttons: login, register, discover**
- Homepage
  - Login button - route to login page
  - Register button - route to register page
  - Discover button - route to discover page
  - View of all the blogs
    - Clicking blog routes to blog's location on site
- Login page
  - Enter username and password
    - IF new user logins THEN "this user does not exist"
    - IF existent user logins THEN routes to own blog
    - Routes to own blog page
- Register page
  - Enter username and password twice
    - IF new user registers THEN routes to own blog
    - IF existent user registers THEN "this username is taken"
    - IF passwords do not match THEN "passwords do not match"
    - Routes to own blog
- myBlog page
  - Username
  - Entries
    - Each has an edit button
    - Entries are pulled from entry database (only displays entries with the same user id) (FILTER)
  - New entry - title box, text box w submit button

- Other user's blog
  - Uneditable entries
    - Entries are pulled from entry database (only displays entries with the same user id) (FILTER)
- Discover Page
  - Loads ALL entries from database

SITE MAP

DATABASE ORGANIZATION
- Table: users
  - user TEXT PRIMARY KEY NO NULL
    - *Note: username will function as an id*
  - password TEXT NO NULL
  - siteLocation TEXT NO NULL
- Table: posts
  - rowid INT PRIMARY KEY NO NULL (default)
  - user TEXT NO NULL
  - date TEXT NO NULL
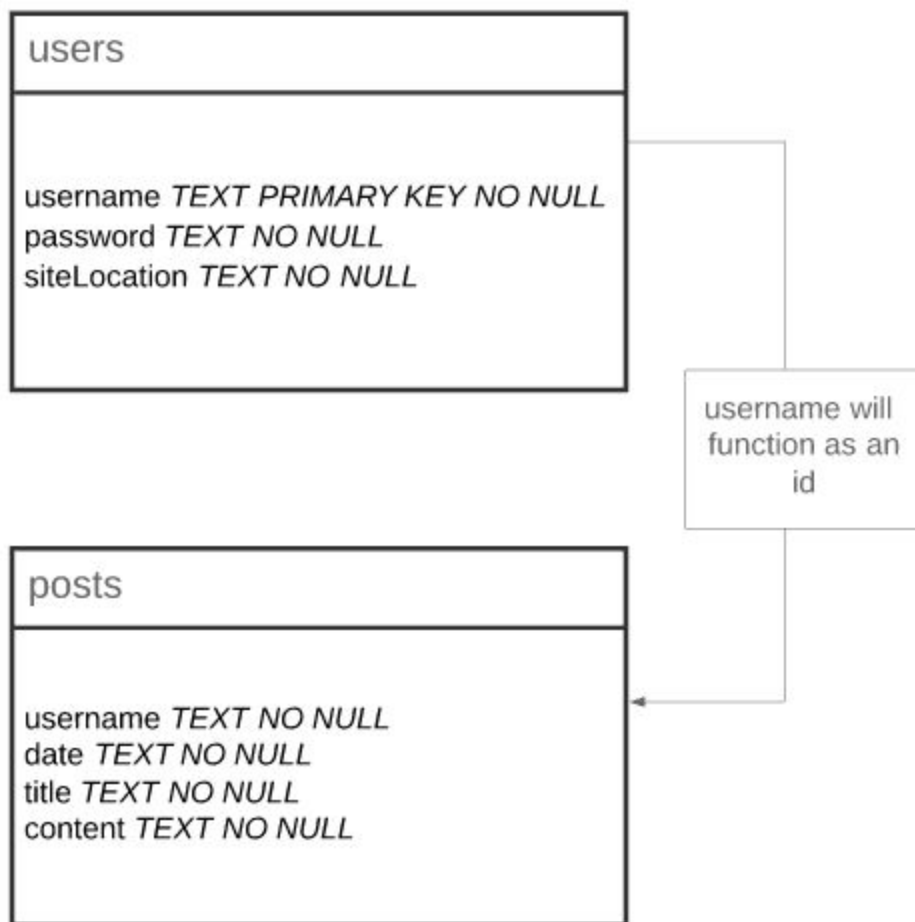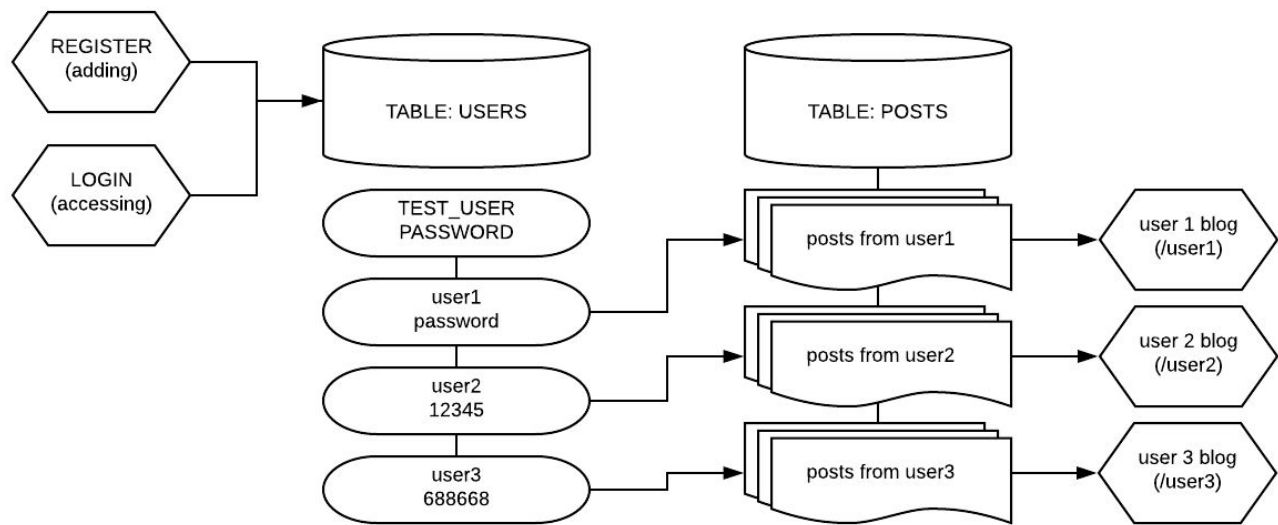 - title TEXT NO NULL
  - content TEXT NO NULL

table: USERS

username TEXT PRIMARY KEY	password TEXT	siteLocation TEXT
ahmed	99999password	/ahmed
jeff	12345jeff	/jeff
leia	password11	/leia
bunnytruffles	passcode	/bunnytruffles
kanye	yeezus	/kanye

table: POSTS

rowid INT PRIMARY KEY	user TEXT	date TEXT	title TEXT	content TEXT
1	ahmed	04/19/2002	"yep"	"hi hello"
2	jeff	04/19/2002	"title"	"yes! yes"
3	leia	04/20/2002	"title2"	"no! no"
4	bunnytruffles	04/21/2002	"wassup"	"bunnyblog certified wavy"
5	kanye	02/10/2004	"the college dropout"	"number 1"
6	kanye	08/30/2005	"late registration"	"number 2 album yea"
7	kanye	09/11/2007	"graduation"	"woo album number 3"
8	kanye	11/24/2008	"808s and heartbreak"	"this is a sad album"
9	kanye	11/22/2010	"my beautiful dark twisted fantasy"	"very crazy album"
10	kanye	06/18/2013	"yeezus"	"very very crazy album"
11	kanye	02/14/2016	"the life of pablo"	"if young metro don't trust you"
12	kanye	06/01/2018	"ye"	"yikes"
14	ahmed	10/22/2019	"tuesday"	"yes its tuesday"

DATABASE LAYOUT DIAGRAMS


```
REGISTER
(adding)

LOGIN
(accessing)
```

TABLE: USERS

```
TEST_USER
PASSWORD

user1
password

user2
12345

user3
688668
```

TABLE: POSTS

```
posts from user1

posts from user2

posts from user3
```

```
user 1 blog
(/user1)

user 2 blog
(/user2)

user 3 blog
(/user3)
```

users

username *TEXT PRIMARY KEY NO NULL*
password *TEXT NO NULL*
siteLocation *TEXT NO NULL*

username will function as an id

posts

username *TEXT NO NULL*
date *TEXT NO NULL*
title *TEXT NO NULL*
content *TEXT NO NULL*

TASKS/ASSIGNMENTS
- Login/register pages *(Leia Park)*
    - Front-end HTML appearance and UI
    - Back-end management
        - Users database
            - Creation of database
            - Updating of database
            - Accessing information from database (in order to login and register)
- Writing/editing blog posts *(Ahmed Sultan)*
    - Front-end HTML appearance and UI
    - Back-end management
        - Posts database
            - Creation of database
            - Managing of database
            - Updating of database
- Viewing blog posts/individual pages/Discover page *(Jeff Lin)*
    - Front-end HTML appearance, UI
        - Back-end management
            - Users and posts databases
                - Management and updating of database
            - Filter system
                - Seeing one person's posts VS. discover page (seeing most recent posts? top posts?)
            - Stretch goal: query system
                - Looks for keyword? date?

* While these sections have been specifically assigned, we'll each be helping out with each others sections while actually doing the project *