

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](#)

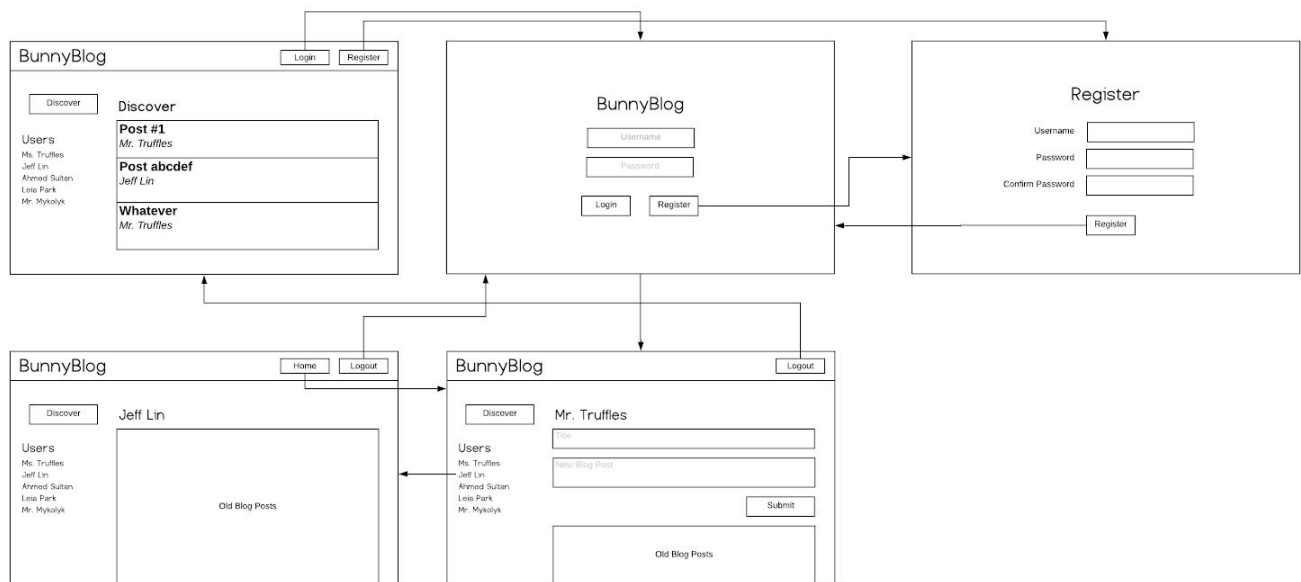
[Sitemap](#)

[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
- 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

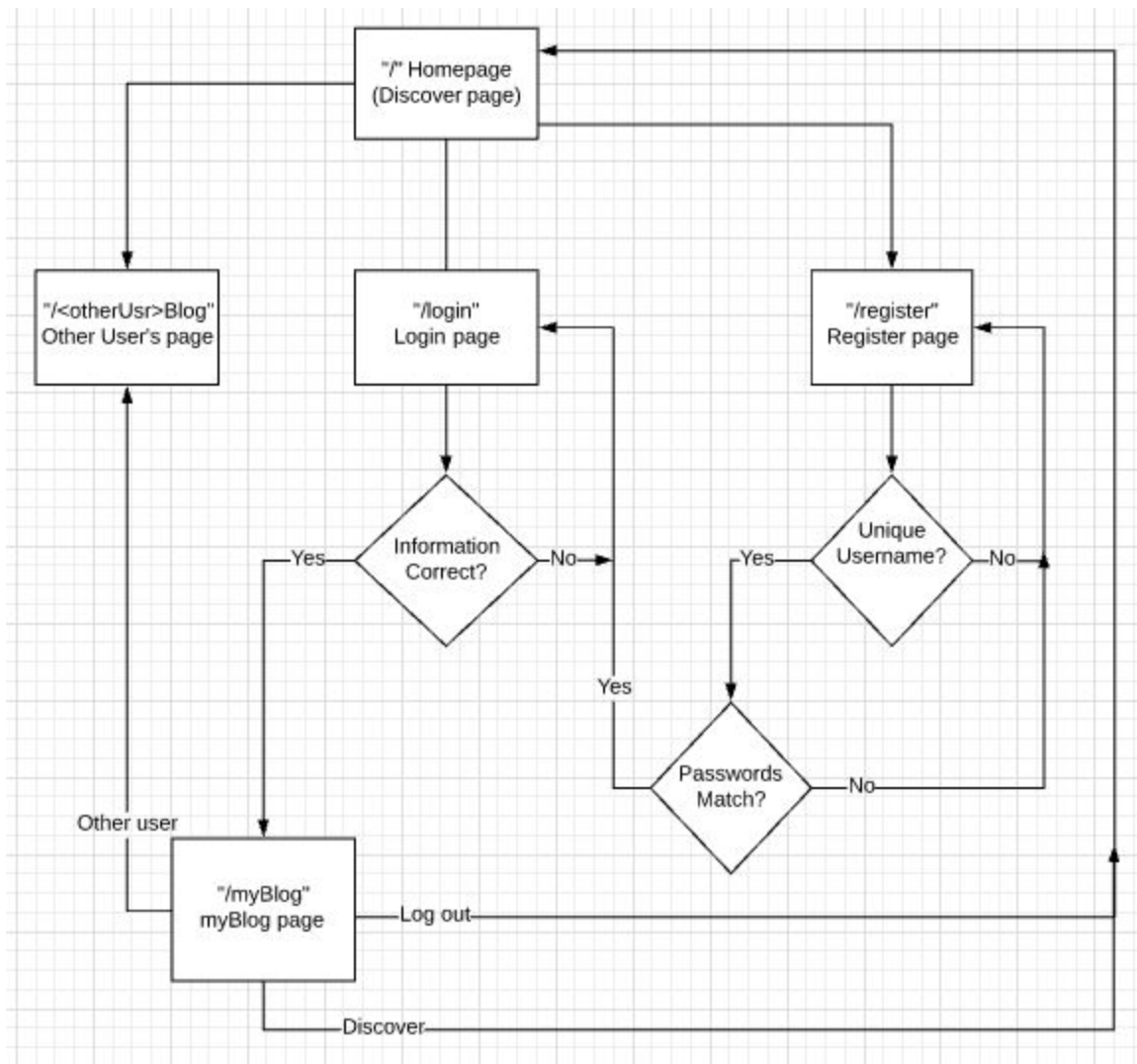
PAGES for SITE

**** 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 logs in THEN "this user does not exist"
 - IF existent user logs in 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)
 - 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)
- 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

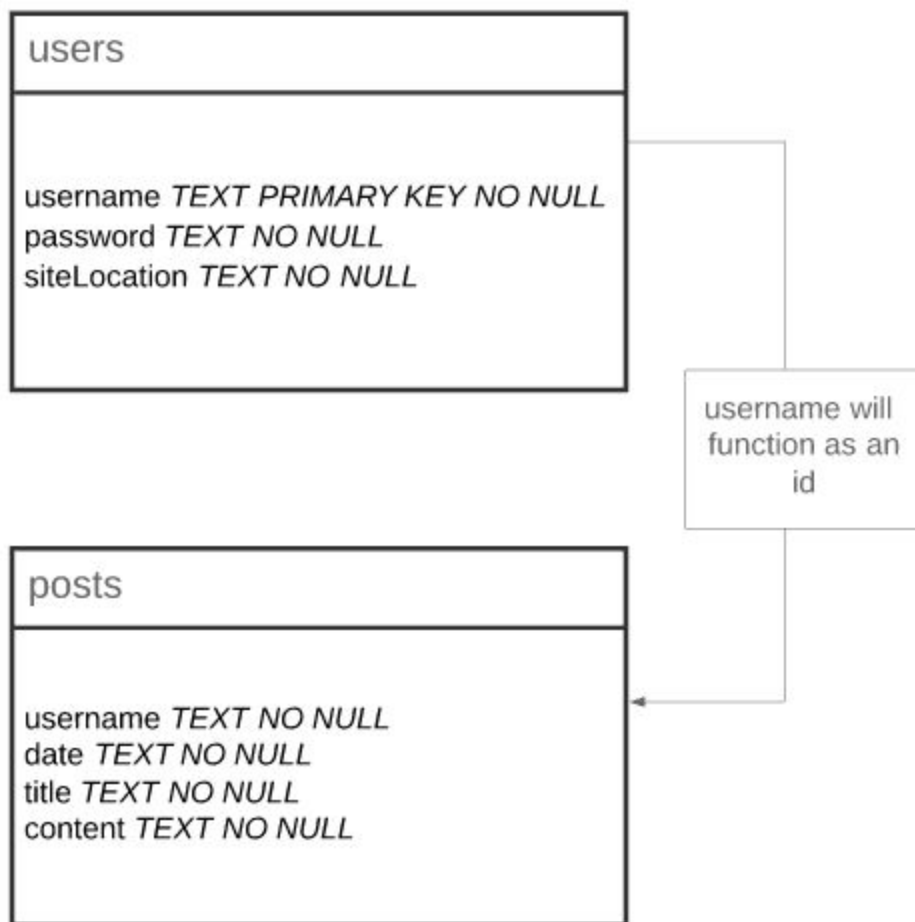
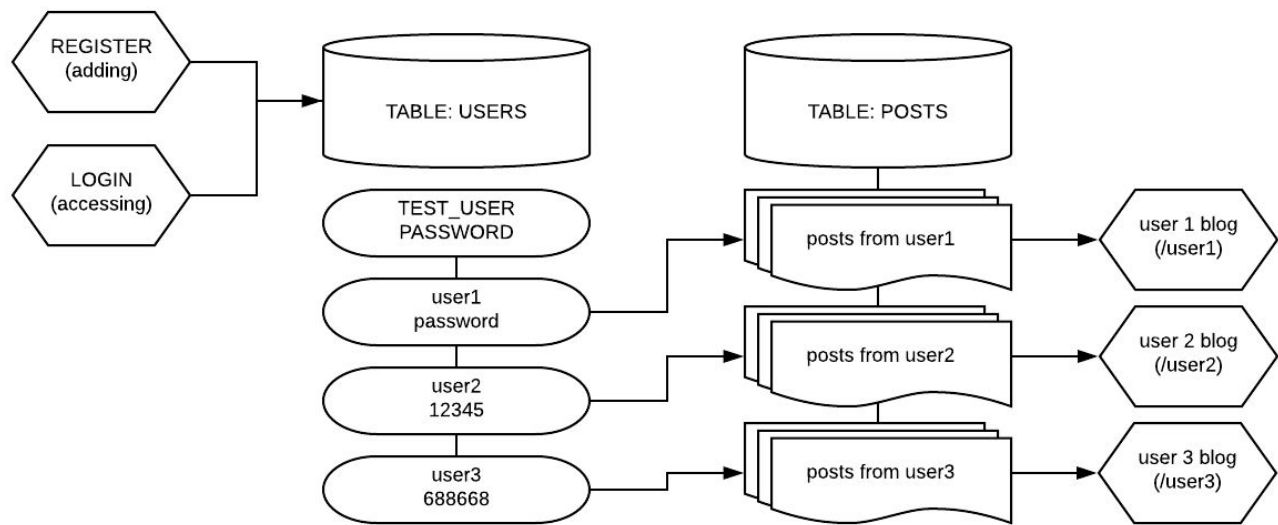
table: USERS

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



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 **