

Team BuggyBloggers
SoftDev1 pd6
P #00: Da Art of Storytelling
2018-10-15

Design Proposal

Team members: Cathy Cai, Tianrun Liu, Damian Wasilewicz, Jeffrey Wu

Team name: BuggyBloggers

Team project: a blog site

Project Manager: Damian Wasilewicz

Program Component Roles:

1. Homepage
 - a. Option for login or sign ups
 - b. Features blog directory with options to
 - i. View other people's blogs
 - ii. Edit user's own blogs, if signed in
2. Blog Page
 - a. Lists the posts associated with its owner
 - ~~b. Can have multiple collaborators but only 1 owner~~
Deemed too messy, decided to focus on limiting editing access to owner of blog, restricting access to those viewing
 - ~~c. Option to sort the posts by popularity, timestamp, and category~~
Instead of doing this, team decided to create search bar that allows for users to search users, posts, or blogs
3. Post
 - a. The basic writing components of each blog
 - b. Can only have 1 writer
 - c. Allows upvotes and downvotes by other users to determine the popularity
 - d. Features timestamp
4. Blog Editing Page
 - a. Allows users to create a new post or edit an old post if logged in
 - b. Plain text editor
 - i. Heading of post
 - ii. Body of post
 - ~~iii. HTML guidelines if they want control over formatting~~

Too complicated for user, simpler and more accessible if text is only thing required.

iv. Will be filled in if it's a post they're editing

~~e. Photo uploader and formatter~~

Unnecessary and purely aesthetic

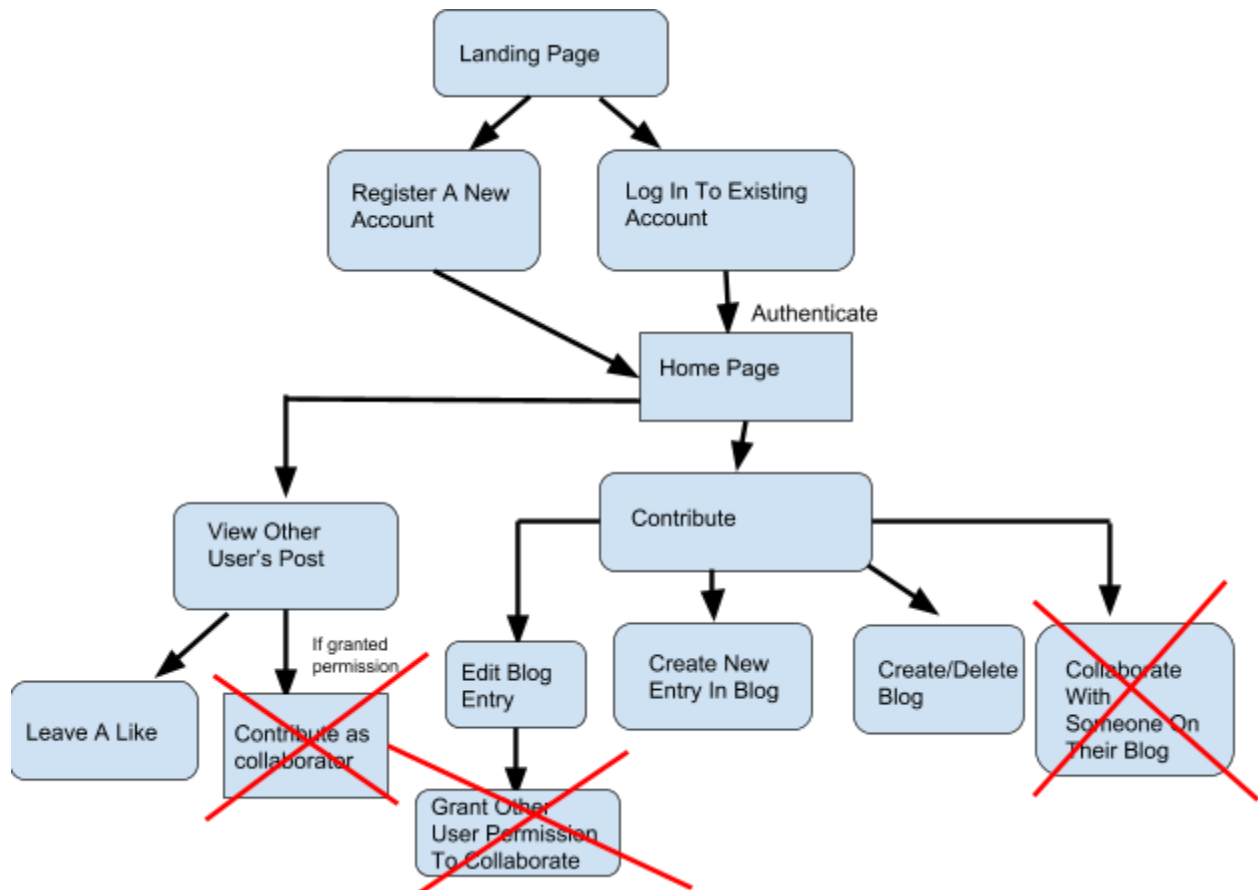
5. Blog Creation Page

- Allows users to create a new blog (each user has a default, empty blog when the account is created)
- Options for the blog title, collaborators that can post on it, and category (Food, fashion, travel, tech, sports, and music)

6. Search

- Search by category-User, Blog, Post

Component Map



Database schema:

Blogs Table	
Field	Type
BlogID	INTEGER (PRIMARY_KEY)
OwnerID	INTEGER
CollaboratorIDs	TEXT
BlogTitle	TEXT
BlogDes	TEXT
Category	TEXT

Users Table	
Field	Type
UserID	INTEGER (PRIMARY_KEY)
PFP	TEXT
Username	TEXT
PasswordHash	TEXT
LikedPosts	TEXT

UserID:"INTEGER PRIMARY KEY", "PFP": "TEXT", "Username": "TEXT UNIQUE",
"Password": "TEXT", "LikedPosts" : "TEXT" }

Posts Table	
Field	Type
PostID	INTEGER
BlogID	INTEGER
AuthorID	INTEGER
Content	TEXT (HTML File)

BUGGY BLOGGERS

Login

Username:
Password:
Submit

Sign up

Username:
Password:
Re-enter Password:
Submit

Your Blogs
Log out

Welcome Bob!

categories	Food Blog read more
food	Fashion Blog read more
fashion	Sports Blog read more
sports	News Blog read more
news	

Search

Home
Log out

BOB'S BLOGS

your blogscreate

blog0
view
edit

blog1
View
edit

Welcome Bob!

Log out

BLOG 1

add postdelete post

post0

post1

post2

Welcome Bob!

Log out

CREATE NEW BLOG

Name:
Category:
Description
Post 0

Welcome Bob!

Log out

CREATE NEW POST

Heading

Content

Job distribution:

Cathy Cai: Set up the structure of the database and how to populate it (how creating new blogs, new user sign ups, and blog edits will write to database)

Tianrun Liu: Create html templates, post creation and editing page

Damian Wasilewicz (PM): Editing some dropdowns and aesthetics, working on search and categories

Jeffrey Wu: Functionality of databases, Create the blog viewing interface and actions of posts (upvoting, sorting,etc.)