

MyDateList

Blake Laczynski | bel39345@uga.edu

Tina Liu | tl28625@uga.edu

Zaharia Selman | zas11053@uga.edu

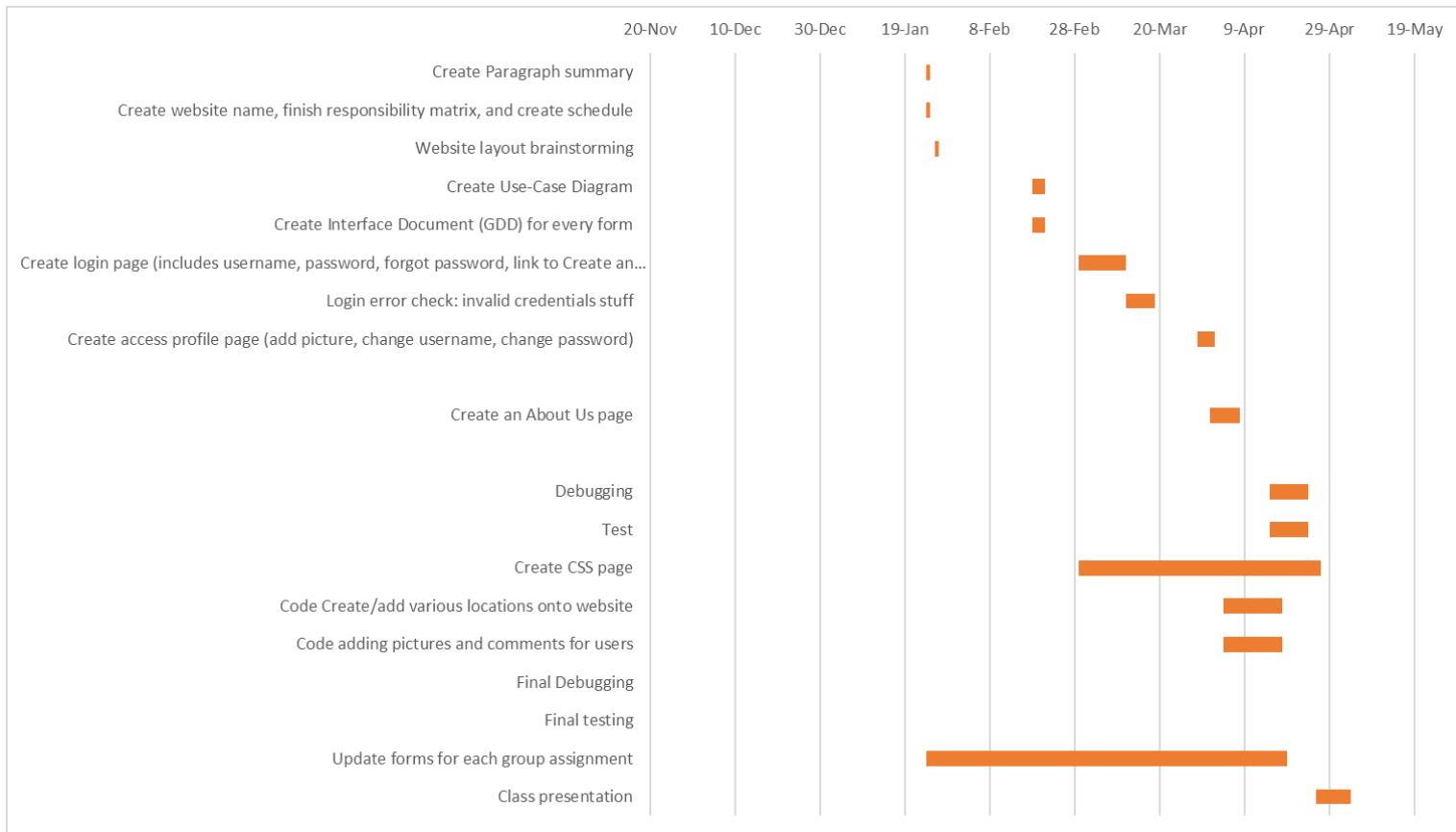
Mary Grace Tippett | mt94449@uga.edu

Website Overview

MyDateList is an interactive, informative social website for all romantics. Guest users may search for and view various date posts, and registered users may do these things in addition to favoriting and creating a post. Date posts give the user key information on how to have the perfect date, such as location date type, food, and more.

Schedule

GANTT Chart



Task Name	Planned Start Date	Planned End Date	Assigned	Complete? (Green =yes red=no)
Create Paragraph summary	1/24/2022	1/24/2022	Mary Grace	Green
Create website name, finish responsibility matrix, and create schedule	1/24/2022	1/25/2022	Everyone	Green
Website layout brainstorming	1/26/2022	1/26/2022	Everyone	Green
Create High Level Use-Case Diagram	2/18/2022	2/21/2022	Zaharia, Tina	Green
Create Interface Document (GDD) for every form	2/18/2022	2/21/2022	Mary Grace	Green
Update forms from Assignment 1	2/18/2022	2/21/2022	Zaharia	Green
Create CRUD Matrix, Navigational Chart, and E-R Diagram	2/27/2022	2/27/2022	Everyone	Green
Create login page (includes username, password, forgot password, link to Create an account page, link to Continue as a Guest page, and link to About Us page)	3/1/2022	3/12/2022	Tina, Mary Grace	Green
Login error check: invalid credentials stuff	3/12/2022	3/19/2022	Zaharia	Green

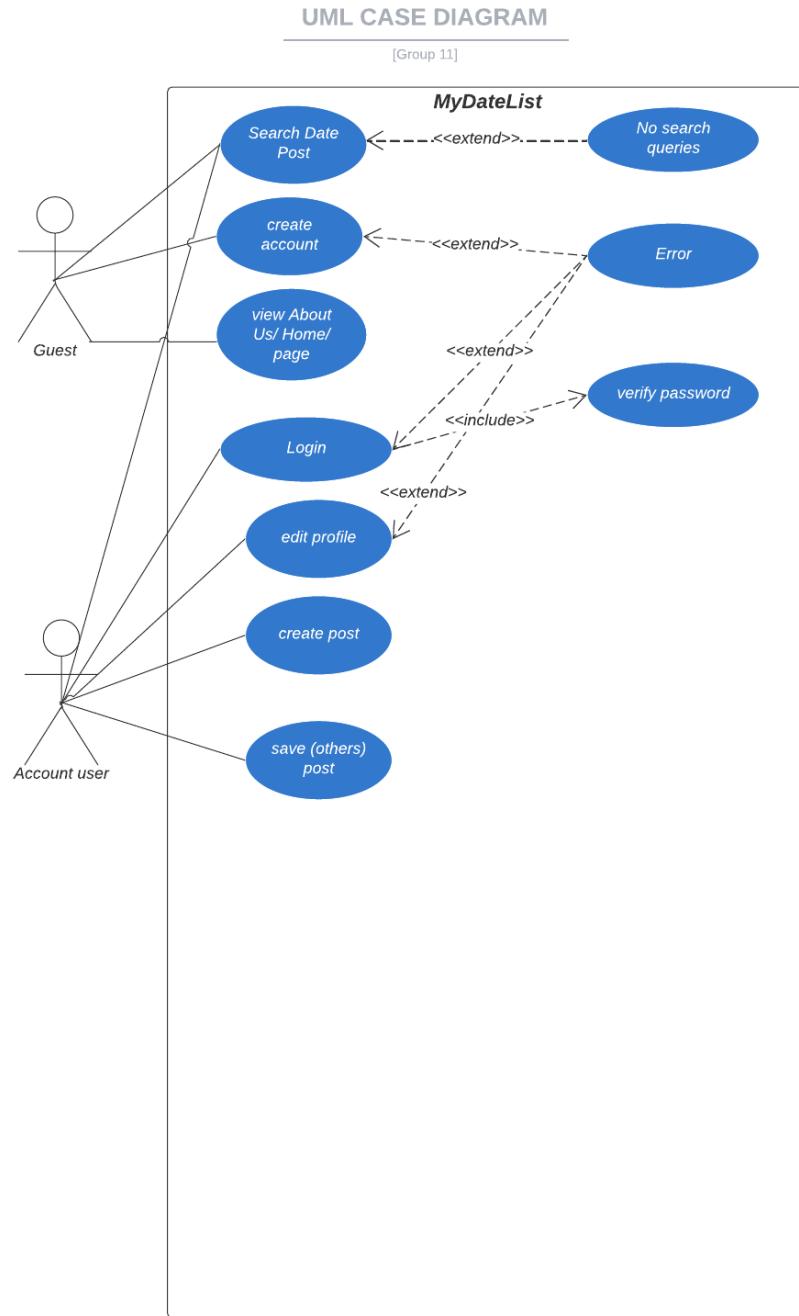
Create access profile page (add picture, change username, change password)	3/29/2022	4/1/2022	Tina, Zaharia	
Create an About Us page	4/1/2022	4/8/2022	Blake	
Debugging	4/15/2022	4/24/2022	Everyone	
Test	4/15/2022	4/24/2022	Everyone	
Create CSS pages	3/1/2022	4/26/2022	Tina, Zaharia, Mary Grace	
Code Create/Add various locations onto website	4/4/2022	4/18/2022	Everyone	
Code adding pictures for users	4/4/2022	4/18/2022	Everyone	
Final Debugging	4/24/2022	4/24/2022	Everyone	
Final testing	4/25/2022	4/25/2022	Everyone	
Class presentation	4/26/2022	4/26/2022	Everyone	

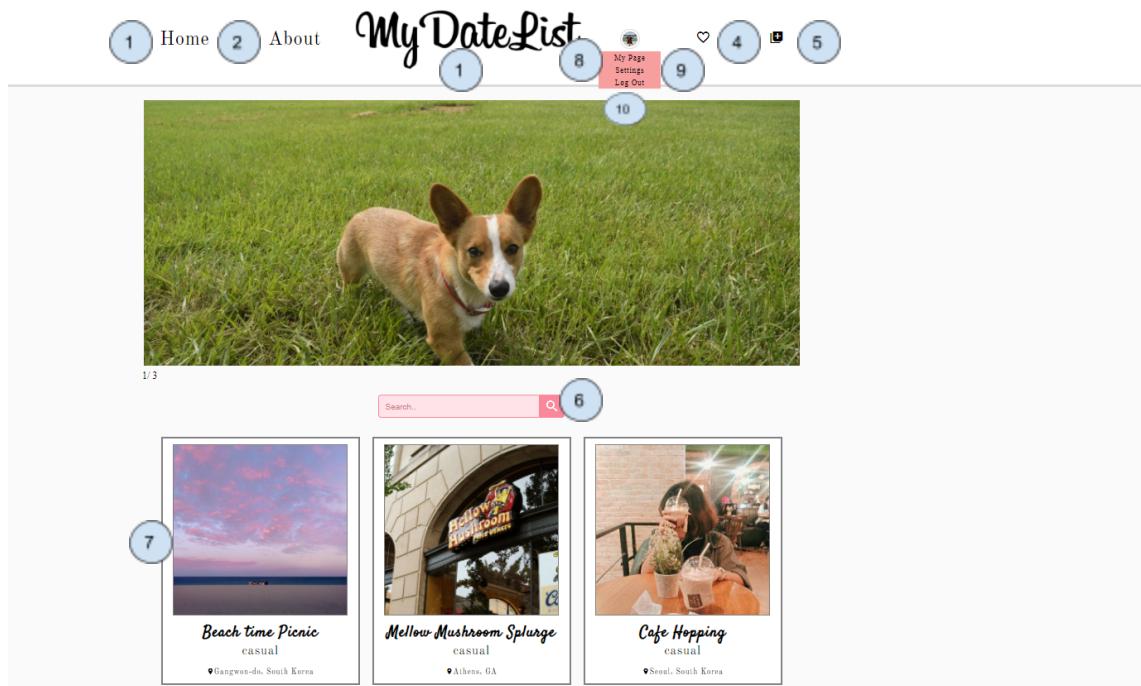
Responsibility Matrix

Form/Table	Mary Grace	Tina	Zaharia	Blake
Create paragraph summary	Primary	Secondary	Secondary	Secondary
Create website name, finish responsibility matrix, and create schedule	Primary	Primary	Primary	Primary
Update deliverables before each submission	Primary	Secondary	Primary	Secondary
Create High Level Use-Case Diagram	Primary	Primary	Primary	Primary
Create Interface Document (GDD) for every form	Secondary	Primary	Primary	Secondary
Create CRUD Matrix, Navigational Chart, and E-R Diagram	Primary	Primary	Primary	Primary
CSS pages	Secondary	Primary	Primary	Secondary
Login page	Primary	Primary	Secondary	Secondary
Login error check	Secondary	Secondary	Primary	Secondary
About Us page	Secondary	Secondary	Secondary	Primary
Create account	Secondary	Primary	Primary	Secondary
Search topics	Primary	Secondary	Secondary	Primary

Add date activity (includes location, list of activities, description, rating, and price)	Primary	Primary	Secondary	Secondary
Delete date activity (if you made it)	Secondary	Primary	Primary	Secondary
Edit date activity (if you made it)	Secondary	Secondary	Primary	Primary
Comment (if you have an account)	Secondary	Secondary	Primary	Primary
Delete comment (if you made it)	Primary	Primary	Secondary	Secondary
Add picture to date activity (if you made it)	Primary	Primary	Secondary	Secondary
Delete account	Primary	Secondary	Secondary	Primary
Access profile page	Secondary	Primary	Primary	Secondary
Debugging and testing	Primary	Primary	Primary	Primary

UML Case Diagram





Home:

#	Event	Action
1. Home	Mouse (left click)	Go to homepage/refresh
2. About	Mouse (left click)	Go to about page
3. Profile	Mouse (left click)	Go to my profile page
4. Favorites	Mouse (left click)	Go to your favorited dates (if you have an account)
5. Create Post	Mouse (left click)	Go to create post page
6. Search Bar	Mouse (left click)	Search by the entered text (action of button)
7. Individual Post	Mouse (left click)	Go to post clicked on
8. My Page	Mouse (left click)	Go to My Page with all current user's posts
9. Settings	Mouse (left click)	Go to Settings page
10. Log Out	Mouse (left click)	Log user out

[1 Home](#) [2 About](#)

My Date List

[1](#) [3](#) [4](#) [5](#)

[6](#) [7](#)



Beach time Picnic

@Tina

Date Type: casual

Location: Gangwon-do, South Korea

2023-04-24 20:11:07

Vaca in South Korea and decided to hit up the Beach in Sampo.

Had a picnic and then some friends joined afterward .

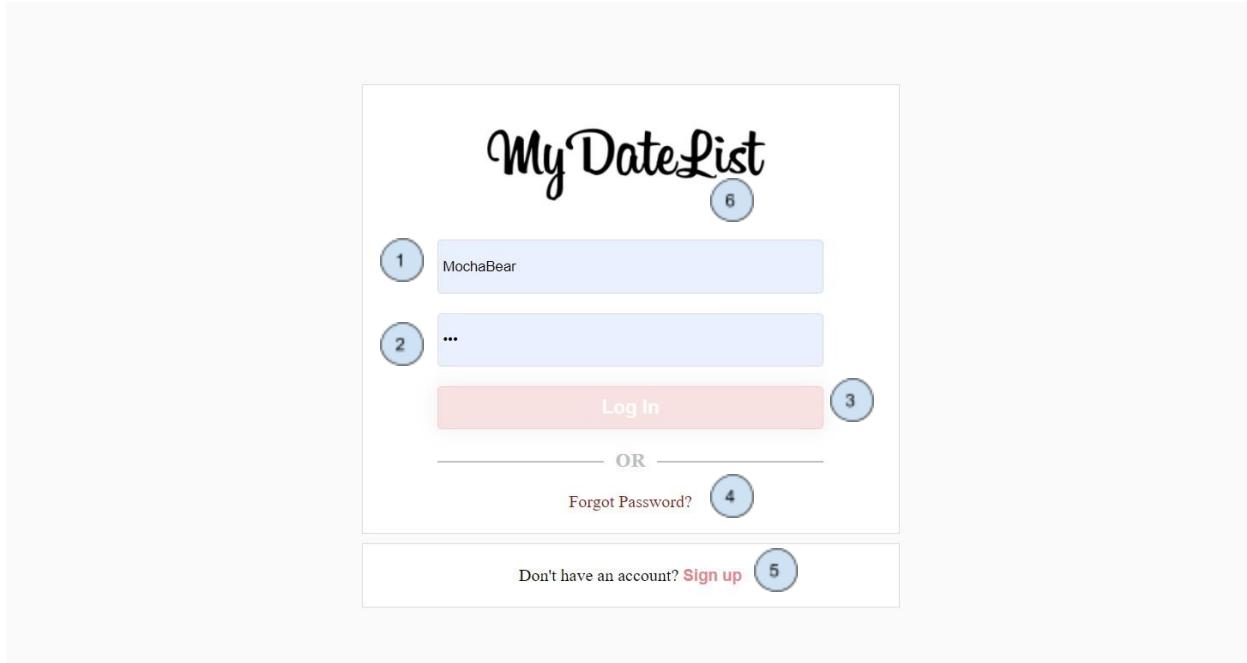
Got to see some purple sky. It was so pretty. ❤️

It was some nice memories.

© 2022 MyDateList, Inc.

Individual Post:

#	Event	Action
1. Home	Mouse (left click)	Go to homepage/refresh
2. About	Mouse (left click)	Go to about page
3. Profile	Mouse (left click)	Go to my profile page
4. Favorites	Mouse (left click)	Go to your favorited dates (if you have an account)
5. Create Post	Mouse (left click)	Go to create post page
6. Favorite	Mouse (left click)	Favorite this post
7. User	Mouse (left click)	Go to user's page
8. View multiple images	Mouse (left click)	If there are multiple images for the post, little dots to view them will display at the bottom of the image



Login:

#	Event	Action
1. Username Field	Mouse (left click)	Enter Username
2. Password Field	Mouse (left click)	Enter Password
3. Log In	Mouse (left click)	Go to homepage if username and password are valid
4. Forgot Password	Mouse (left click)	Directs you to a forgotten password page.
5. Sign Up	Mouse (left click)	Allows you to sign-up
6. Home	Mouse (left click)	Go to homepage

1 Home

2 About

My DateList



3

4



MY ACCOUNT

Edit Profile

[Edit Profile](#) 6

My Page 7

Create Post 8

Favorites 9

Log Out 10

CHANGE YOUR ACCOUNT DETAILS

* denotes mandatory fields



MochaBear

[Change Profile Photo](#) 17

USERNAME*: NEW USERNAME 11

[Update My Username](#) 12

CURRENT PASSWORD*: MochaBear 13

NEW PASSWORD*: ... 14

VERIFY PASSWORD*: VERIFY PASSWORD 15

[Update My Password](#) 16

Edit Profile:

#	Event	Action
1. Home	Mouse (left click)	Go to homepage
2. About	Mouse (left click)	Go to about page
3. Profile	Mouse (left click)	Go to my profile page/refresh
4. Favorites	Mouse (left click)	Go to your favorited dates (if you have an account)
5. Create Post	Mouse (left click)	Go to create post page
6. Edit Profile	Mouse (left click)	Go to edit profile page/refresh
7. My Page	Mouse (left click)	Go to 'see posts' page (see all post user has created)
8. Create Post	Mouse (left click)	Go to 'create post' page
9. Favorites	Mouse (left click)	Go to 'favorites' page
10. Log Out	Mouse (left click)	Log out and go back to homepage

11. New Username	Mouse (left click)	Type new username for account
12. Update Username	Mouse (left click)	Update the new username
13. Current Password	Mouse (left click)	Type current password for account
14. New Password	Mouse (left click)	Type new password
15. Verify new Password	Mouse (left click)	Verify the new password
16. Update Password	Mouse (left click)	Update the new password for the account
17. Change Profile Photo	Mouse (left click)	Using jpeg, scroll through your directory and change the photo to the users liking

1 Home
 2 About
 3
4
5

MyDateList
1

Web Dev Group
Casual
MLC

About Us!

Over at MyDateList we love seeing couples and friends alike come together to make long lasting experiences. Now a days it seems that it's harder to get young adults out of the house. With all of the technology out there, why would you? It seems easier to just stay in the house right? Wrong! Using MyDateList gives you a plethora of options to pick from, with the ability to not only to explore new date ideas, save others' dates by favoriting it, but also the ability to filter date ideas by date type, recent post, oldest post, and most favorites post. This website allows for even the worlds most indecisive people to quickly find something to do!

© 2022 MyDateList, Inc.

About Us:

#	Event	Action
1. Home	Mouse (left click)	Go to homepage
2. About	Mouse (left click)	Go to about page

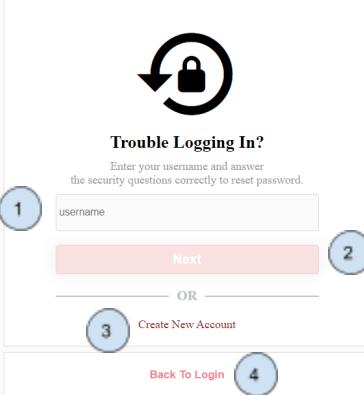
3. Profile	Mouse (left click)	Go to my profile page/refresh
4. Favorites	Mouse (left click)	Go to your favorited dates (if you have an account)
5. Create Post	Mouse (left click)	Go to create post page

The sign-up page for MyDateList features a header "My DateList". It includes fields for "Full Name" (1), "Username" (2), "Password" (3), "Verify Password" (4), "Q1: What's your childhood nickname?" (5), "Q2: What's your favorite movie?" (6), and "Q3: What city did you grow up in" (7). A "Sign Up" button (8) is located at the bottom. Below the form, there is a "Log In" link (9).

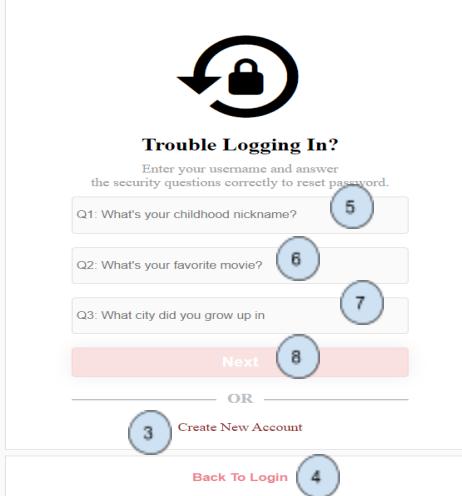
Sign-Up Page:

#	Event	Action
1. Full Name	Mouse (left click)	Type your full name
2. Username	Mouse (left click)	Type a username (error message will come up if this username is already in use)
3. Password	Mouse (left click)	Type a password
4. Verify Password	Mouse (left click)	Type the same password
5. Security Q1	Mouse (left click)	Type your first security question
6. Security Q2	Mouse (left click)	Type your second security question

7. Security Q3	Mouse (left click)	Type your third security question
8. Sign Up	Mouse (left click)	Finish sign up
9. Log in	Mouse (left click)	Direct back to the login



This screenshot shows the first step of the forgot password process. It features a large circular arrow icon with a lock symbol at the top. Below it is the heading "Trouble Logging In?" followed by a sub-instruction: "Enter your username and answer the security questions correctly to reset password." There is a "username" input field with a blue circle containing the number "1" to its left. Below the input field is a red "Next" button with a blue circle containing the number "2" to its right. A horizontal line with the word "OR" in the center separates this from the next section. At the bottom left is a blue circle containing the number "3" next to the text "Create New Account". At the bottom right is a blue circle containing the number "4" next to the text "Back To Login".



This screenshot shows the second step of the forgot password process. It features the same circular arrow icon with a lock symbol at the top. Below it is the heading "Trouble Logging In?" followed by the sub-instruction: "Enter your username and answer the security questions correctly to reset password." There are three sequential input fields: "Q1: What's your childhood nickname?", "Q2: What's your favorite movie?", and "Q3: What city did you grow up in?". Each input field has a blue circle containing a number to its left: "5" for Q1, "6" for Q2, and "7" for Q3. Below these is a red "Next" button with a blue circle containing the number "8" to its right. A horizontal line with the word "OR" in the center separates this from the next section. At the bottom left is a blue circle containing the number "3" next to the text "Create New Account". At the bottom right is a blue circle containing the number "4" next to the text "Back To Login".

Forgot Password Page:

#	Event	Action
1. Username box	Mouse (left click)	Type in Username (error message will pop up if username doesn't exist)
2. Next	Mouse (left click)	Go to next page to insert

		security question answers and create new password
3. Create New Account	Mouse (left click)	Allows user to create a new account
4. Login	Mouse (left click)	Takes user back to the login page
5. Security Question 1	Mouse (left click)	Fill in your favorite childhood nickname
6. Security Question 2	Mouse (left click)	Fill in the name of your favorite movie
7. Security Question 3	Mouse (left click)	Fill in the name of the city you grew up in
8. Next	Mouse (left click)	Takes the user to the reset password page

1

Drop file here or click to upload

2

Post Title

Location

Date type:

Styles | Format | Font | Size | A- A+ X- X+

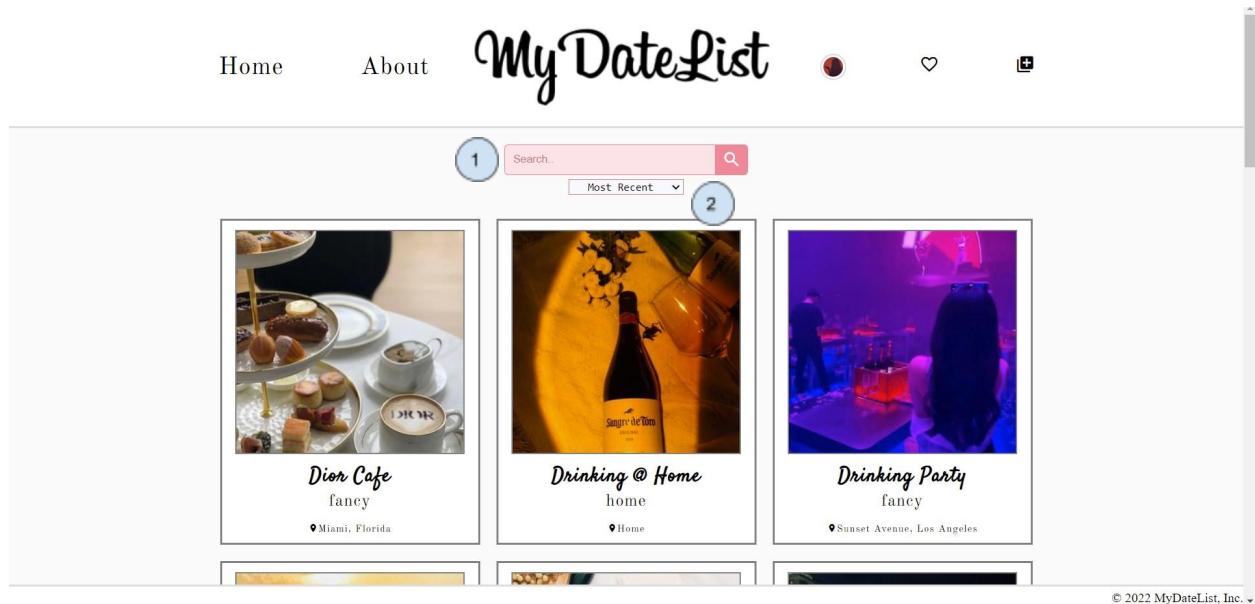
Start typing here...

POST

Create Post Page:

#	Event	Action
1. Image Upload	Mouse (left click)	Browse pictures (jpeg) to select a picture for the date

		idea
2. a, b, c, d (all functionality of menu items), and e	Mouse (left click)	Adds new date idea with name, location, picture, and description
3. Home	Mouse (left click)	Directs to Home Page
4. About	Mouse (left click)	Directs to About Page
5. Profile	Mouse (left click)	Directs to your personal profile
6. Favorites	Mouse (left click)	Directs to your liked post's page.
7. Create Post	Mouse (left click)	Directs to create a post page



Search Results Page:

#	Event	Action
1. Click Search button	Mouse (left click)	Will open up a page showing all the dates in the area you selected.

2. Drop down filter	Mouse (left click)	User can filter posts by recent, oldest, most favorited, home, casual, and fancy
---------------------	--------------------	--

The screenshot shows the homepage of My DateList. At the top, there are navigation links for "Home" and "About". The title "My DateList" is prominently displayed with a stylized font. Below the title are two posts:

- Pelicans and a Movie** (fancy) - A photo of a building with a marquee sign.
- JM Fields** (casual) - A photo of a dog standing in a grassy field.

A "Back to Top" button with a circular icon containing the number "1" is located on the left side. The footer contains the text "© 2022 MyDateList Inc."

See Favored Dates Page:

#	Event	Action
Favored dates page	Mouse (scroll wheel)	View all favored dates that you have saved so far to your account.
1. Back to Top	Mouse (left click)	Takes user back to the top of the page

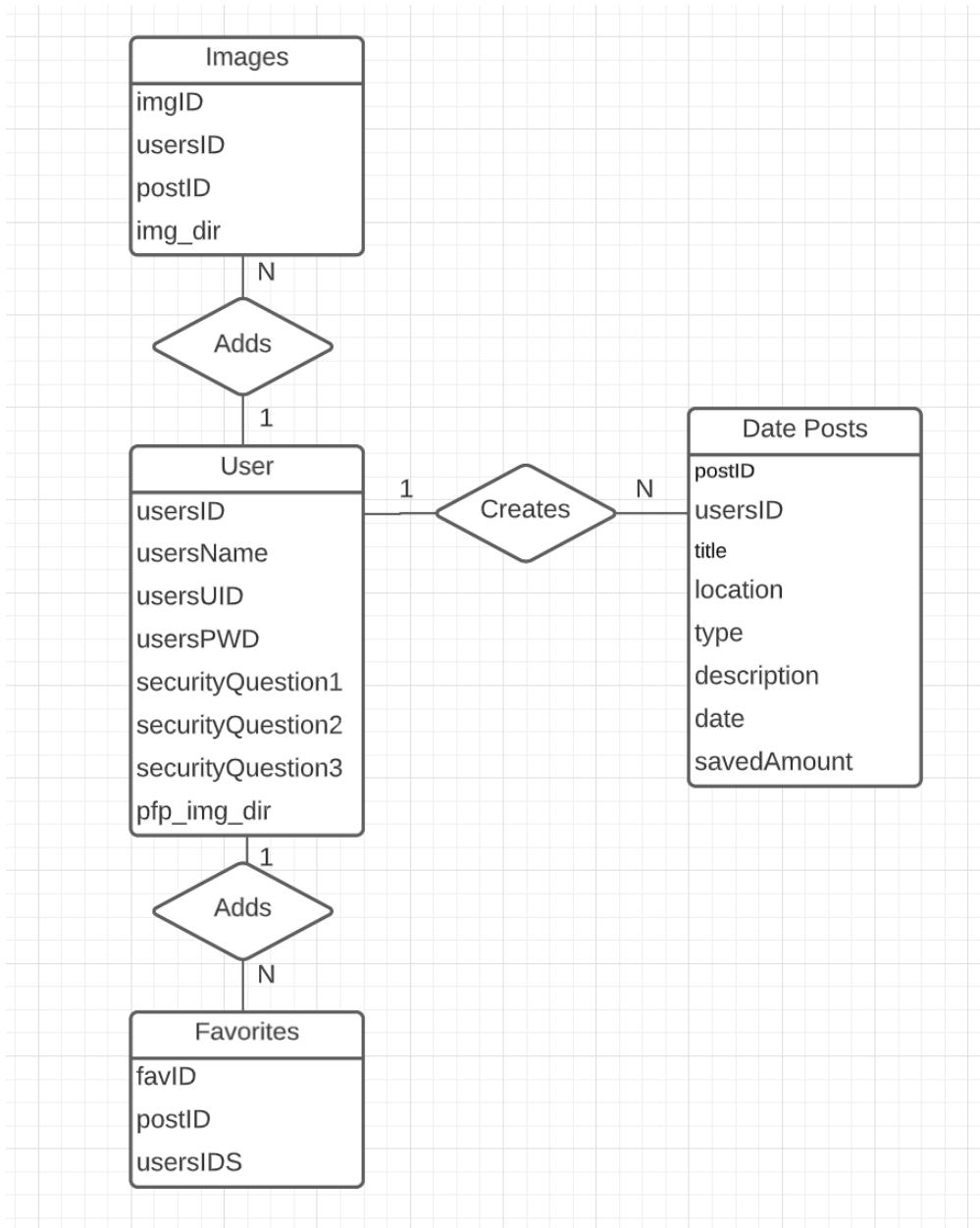
The screenshot shows the "My Profile" page. At the top, there are navigation links for "Home" and "About". The title "My DateList" is displayed. A user profile picture of a person in a red dress is shown with the name "Zsel" and "5 posts". Below the profile are three posts:

- Game Night** (home) - A photo of a person sitting at a table.
- Pelicans and a Movie** (fancy) - A photo of a building with a marquee sign.
- UGA Museum of Art** (casual) - A photo of a modern building with a large sculpture.

My Profile Page:

#	Event	Action
1. Settings	Mouse (left click)	Takes user to Settings page

E-R Diagram/Relational Schema



Create Table Statements (4)

```
CREATE TABLE `fav` (
    `favID` int(11) NOT NULL,
    `postID` int(11) DEFAULT NULL,
    `usersIDS` int(11) DEFAULT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;
```

```
CREATE TABLE `imgs` (
    `imgID` int(11) NOT NULL,
    `usersID` int(11) NOT NULL,
    `postID` int(11) NOT NULL,
    `img_dir` longtext NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;
```

```
CREATE TABLE `posts` (
    `postID` int(11) NOT NULL,
    `usersID` int(11) NOT NULL,
    `title` longtext NOT NULL,
    `location` longtext NOT NULL,
    `type` text NOT NULL,
    `description` longtext NOT NULL,
    `date` timestamp NOT NULL DEFAULT current_timestamp(),
    `savedAmount` int(11) NOT NULL DEFAULT 0
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;
```

```
CREATE TABLE `users` (
    `usersID` int(11) NOT NULL,
    `usersName` varchar(255) NOT NULL,
    `usersUID` varchar(255) NOT NULL,
    `usersPWD` varchar(255) NOT NULL,
    `securityQuestion1` varchar(255) DEFAULT NULL,
    `securityQuestion2` varchar(255) DEFAULT NULL,
    `securityQuestion3` varchar(255) DEFAULT NULL,
    `pfp_img_dir` text NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;
```

CRUD Matrix

Tables Forms	Users	Posts	Favorites	Images
Login	R			
Register Account	CU			
Search Results		R		R
Show Post		R	R	R
Create Post		CU		CU
Change Current Post Picture(s)				RU
Add Pictures to Posts				CU
Delete Post		RUD	RUD	RU
Change Account Username	RU			
Change Account Password	RU			
Favorite a Post			C	
View Favorite Post(s)	R	R	R	R
Delete Favorite Post(s) from Account	RU		RUD	

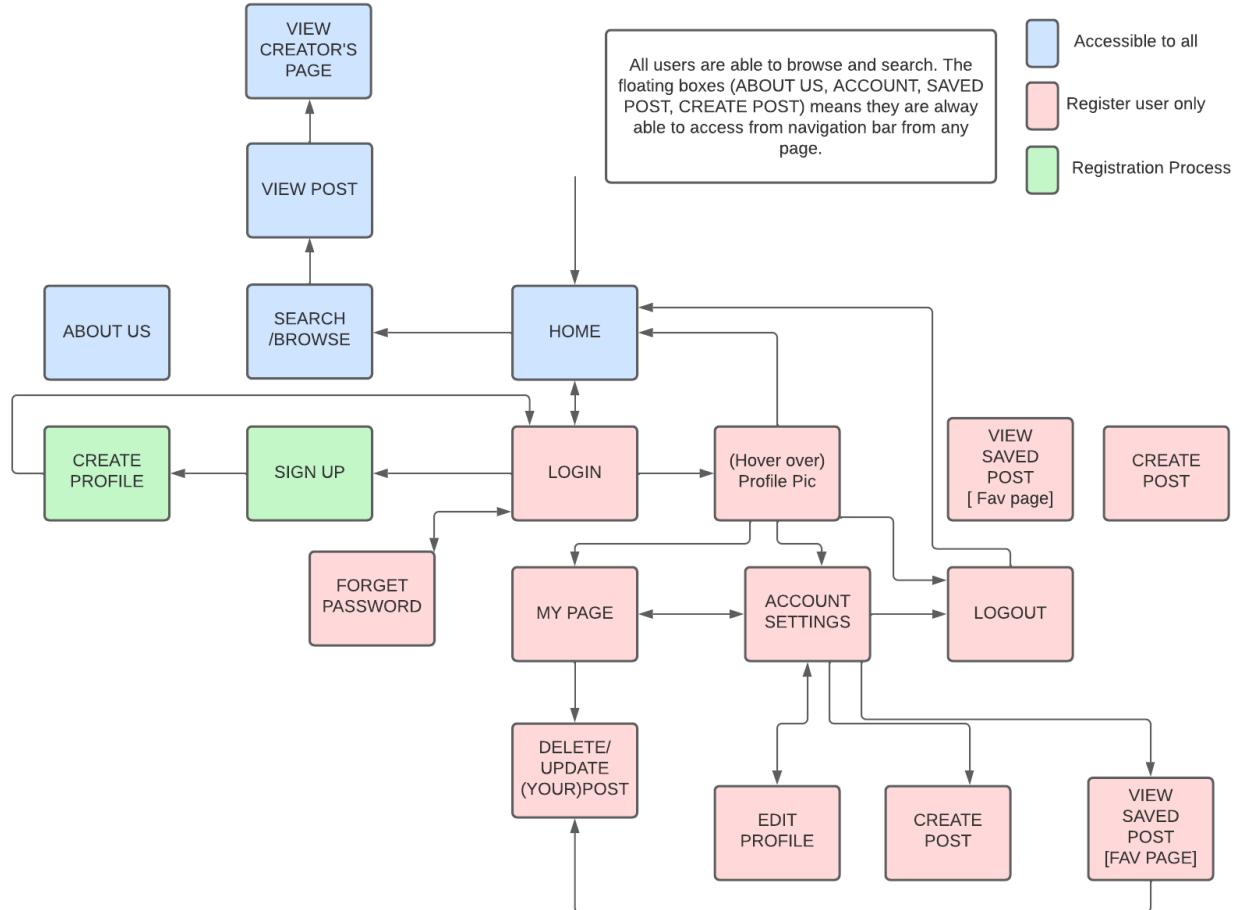
C: Create or Insert a Record

R: Select a row from Table

U: Update or Modify a Record

D: Delete a Record from Table

Navigational Chart



Major Problems and Resolutions

- Meeting Times
 - As the semester picked up, it was harder to find days and times to meet that worked for everyone. We resolved this by choosing a few Sundays where we could consistently meet and complete the deliverables for the project. We utilized our text group a lot as a way to come up with times that fit with everyone's schedule, and we realized the importance of communication and responsiveness.
- Different Window/Screen Sizes
 - Some of us were working with different screen sizes, so the website was showing up differently on each of our screens. We resolved this by making the website responsive so that the screen is adjusted no matter what window size the user has. This preserves the overall look and design of the website as it is used on multiple different computers.
- Using Github
 - Before we fully knew how to work GitHub, we were having issues pushing and pulling as all of us were working on the code at the same time. This also resulted in the pages of the website looking different for each group member as they tried to view it on their individual computer. We resolved this by communicating with each other when something in the database was changed or when any one of us pushed to GitHub. We again used our text group a lot for this issue.

Lessons Learned

- Blake Laczynski:
 - Practicing and working with creating MyDateList has taught me some valuable lessons in the world of Web Programming. I've learned the process is almost never fully complete when you're working on a website, there are always things you can perfect and correct. My biggest take away from this is the sheer amount of time it truly takes to create a proper website.
- Tina Liu:
 - At first, all the ideas I wanted to implement seemed impossible to me, but towards the end, it all worked out. However, doing this project helped me learn more about connecting to the database with php, connecting to external frameworks, manipulating the display with css and Javascript. By trying to implement different functionality into this website, I really got to learn more about Jquery, DOM manipulation, and all sorts of CSS tricks. This project was overall interesting, fun, but also a struggle. I've learned that changes can happen, and working as a group has its benefits as everyone has their own unique ideas.
- Zaharia Selman
 - This semester-long project of building MyDateList has definitely been a journey. I think it was always beneficial to have a clear plan of what we wanted to do each time we met and having checklists. This helped us to see our progress and see what we still needed to work on throughout the semester. I also learned that it's okay to ask for help and to lean on the strengths that others have. Some of my group mates were really good at things that I didn't understand so instead of just forgetting about it and moving on, I made sure to ask questions and learn. Lastly, I learned how to be okay with change. Some aspects of our project required us to change what we originally wanted to do. Change is a part of life and we always were able to come to a consensus as a group.
- Mary Grace Tippett:
 - Creating MyDateList has been one of the hardest projects of my college experience so far, but I learned a lot through the process. I think the most challenging part of any group project, especially one this big/long term, is getting it started when the requirements can seem so daunting. I learned that sometimes you just have to go for it and risk being imperfect rather than

waiting for something to fall into place. Like Zaharia mentioned, I also learned when to step back and let others take the lead on certain things. Playing to each group members' strengths was something we learned to value this semester. Finally, I learned that I won't fully understand everything I learn the first time around. The amount of new material, skills, and code I had to learn for this project and class was a LOT, but I found it easier to take it piece by piece and be patient with myself rather than expect immediate perfection. Practice makes perfect (or in this case, it makes websites)!

Extra Notes:

- We have .php extensions instead of .html. However, there are HTML code in the php files
- All the css files are under the css folder
- The external javascript file is under the js folder
- All user uploads of photos from creating a post goes under the uploads folder
- The includes folder contains .php code that does data processing and connection to the database that the user don't see.
- Images consist of images the website need that aren't provided by the database
- You can either follow the User Guide PDF or read the README.md.
- <https://github.com/zas11053/4300-Web-Programming-Project>