Group: 017-04
Title: Go Fish

Who: Spencer, Matthew, John, Victoria, Caelus, Yuhe

Project Description:

      Go Fish is a social media platform where fishermen of all kinds can post their thoughts, share their newest catches, and make new friends. New fishermen can register for the website with their email address. After creating a username and password, new fishermen can access the site. While Logging in, users are given the option to enter either their username or email address. Upon viewing their profile page, a user will be able to change their profile picture, view their own posts, and add new catches. Fishermen can specify the name, length, weight, date, and location of their added catch, as well as upload an image. On the feed page, users will be able to see public posts of all other fishermen on the site. Posts will display a message, an image, and a link to the user that made the submission. To add a new fishing buddy, users can use the search feature on the home page to locate other fishermen's profiles on the website. Users will be able to view the other fisherman's catches, posts, and profile image. Under the profile image, users can add fishing buddies which will be displayed on their own profile page. When completed with all the desired activity on the site, a fisherman can logout and be sure their profile data and posts will be saved so they can return later.

Project Tracker: (Jira, Trello, Asana, or similar tool.)

https://docs.google.com/document/d/1yXC3OG4k9cvq0wu_iC-vwe5MMczGm7acigvjsHenJlw/edit?usp=sharing

- This is the most recent version of the roadmap, other versions exist separately but aren't as fleshed out or organized.

Video:
https://drive.google.com/file/d/1fHQhYIOlHxbI-_Wxr_eeF8uVVJtbVzHu/view?usp=sharing

VCS: https://github.com/cub-csci-3308-spring-2022/csci-3308-spring22-017-04
Link to your GitHub Repository
TAs will check to ensure the following are stored in your VCS repository:
Source Code (throughout the semester)
Test Cases
Video demo

README.md in GitHub explaining to others what your project is about and how to run your project code.
Project Milestone 7 document titled as Project Milestone7_[TeamNumber].pdf

Contributions:
Matthew Commits History (LINK):

https://github.com/cub-csci-3308-spring-2022/csci-3308-spring22-017-04/commits?author=sumatthe29

- **Spencer:** During development, I worked on the front-end elements of the user profile page with css and html. In addition, I also implemented the server side (NodeJS) elements involved with the login page. This also includes making sure passwords were properly encrypted using bcrypt. I also was primarily responsible for deployment of the app to Heroku, during which I switched image storage to the cloud (through Cloudinary) rather than on a local disk (as we can't store images long-term on the Heroku dyno).

Commit History link and screenshots
https://github.com/cub-csci-3308-spring-2022/csci-3308-spring22-017-04/commits?author=sjack58

```
Windows PowerShell                                                                                                    –  □  ×
6370f14 - Spencer Jackson, Fri Apr 15 02:24:04 2022 -0600 : Streamlined uploading photos for a post and fixed bug where you couldn't post without uploading a
picture
7c772f4 - Spencer Jackson, Fri Apr 15 01:26:20 2022 -0600 : Added ability to remove buddies
1c66109 - Spencer Jackson, Fri Apr 15 00:45:28 2022 -0600 : Added functionality to add buddy
012b198 - Spencer Jackson, Thu Apr 14 23:41:41 2022 -0600 : Merge branch 'main' of https://github.com/cub-csci-3308-spring-2022/csci-3308-spring22-017-04
2890d29 - Spencer Jackson, Thu Apr 14 23:40:53 2022 -0600 : Got friends list to display correctly
36d452c - Spencer Jackson, Thu Apr 14 22:55:11 2022 -0600 : Edited search function and stopped profile pic upload from displaying on profiles that aren't your
s
3a2818f - Spencer Jackson, Thu Apr 14 21:07:11 2022 -0600 : Merge branch 'main' of https://github.com/cub-csci-3308-spring-2022/csci-3308-spring22-017-04
9138683 - Spencer Jackson, Thu Apr 14 21:05:00 2022 -0600 : Fixed submit catch function
2f39401 - Spencer Jackson, Thu Apr 14 20:31:56 2022 -0600 : Fixed some stuff with userprofile get
6382cab - Spencer Jackson, Wed Apr 13 20:48:33 2022 -0600 : Merge branch 'main' of https://github.com/cub-csci-3308-spring-2022/csci-3308-spring22-017-04
8f1e8b5 - Spencer Jackson, Wed Apr 13 20:48:16 2022 -0600 : Converted login page to Victoria's formatting
666285d - Spencer Jackson, Wed Apr 13 20:40:30 2022 -0600 : Added a hackneyed logout method
cc892f5 - Spencer Jackson, Wed Apr 13 20:26:26 2022 -0600 : Converted create post page to just the ejs page and a css file
fce5816 - Spencer Jackson, Wed Apr 13 20:16:52 2022 -0600 : Fixed issue where new user wasn't added to db when registering
8949bdd - Spencer Jackson, Wed Apr 13 15:15:35 2022 -0600 : Fixed issuewhere wrong font was displaying
ad4aa16 - Spencer Jackson, Wed Apr 13 15:14:25 2022 -0600 : Fixed issuewhere wrong font was displaying
01b8999 - Spencer Jackson, Tue Apr 12 22:54:58 2022 -0600 : Fixed issue where pages displayed User Profile as title regardless of what page it was
2cf384b - Spencer Jackson, Tue Apr 12 22:52:43 2022 -0600 : Fixed navbar display and navigation issues, corrected use of user id in get requests
46bbf75 - Spencer Jackson, Mon Apr 11 18:23:12 2022 -0600 : Fixed feed get request so that it displays properly
724c60c - Spencer Jackson, Mon Apr 11 18:04:57 2022 -0600 : Fixed issues with home page css
fb63faf - Spencer Jackson, Mon Apr 11 17:37:42 2022 -0600 : Reorganized the ejs and html files to all be in the main views folder
9156c8b - Spencer Jackson, Sun Apr 10 23:37:46 2022 -0600 : Made slight edit to milestone 5
d3c6a93 - Spencer Jackson, Sun Apr 10 23:11:25 2022 -0600 : Added milestone 5 document
0edfc6f - Spencer Jackson, Sun Apr 10 20:00:59 2022 -0600 : Merge branch 'main' of https://github.com/cub-csci-3308-spring-2022/csci-3308-spring22-017-04
b956be5 - Spencer Jackson, Sun Apr 10 19:59:10 2022 -0600 : Began adding log-in/session functionality
41923f3 - Spencer Jackson, Sat Apr 9 21:02:57 2022 -0600 : Added a gitignore file
a372720 - Spencer Jackson, Sat Apr 9 15:35:55 2022 -0600 : updated db script and docker-compose to set up db properly
d65411f - Spencer Jackson, Sat Apr 9 15:34:27 2022 -0600 : Merge branch 'main' of https://github.com/cub-csci-3308-spring-2022/csci-3308-spring22-017-04
0c3a997 - Spencer Jackson, Sat Apr 9 15:33:30 2022 -0600 : Updated db script and dcoker-compose file to properly set up db
389ce60 - Spencer Jackson, Tue Mar 29 17:26:02 2022 -0600 : Made first attempt at setup for docker-compose test enviornment
f69113b - Spencer Jackson, Sun Mar 20 23:50:23 2022 -0600 : Edited Front End Design section to add link to larger image and more clarity
d7ac315 - Spencer Jackson, Sun Mar 20 23:01:15 2022 -0600 : Merge branch 'main' of https://github.com/cub-csci-3308-spring-2022/csci-3308-spring22-017-04
f1dd290 - Spencer Jackson, Sun Mar 20 23:00:58 2022 -0600 : Added Project Milestone 4pdf
ef319ad - Spencer Jackson, Wed Mar 16 13:50:40 2022 -0600 : Added line to server to let app read static files
36d07f8 - Spencer Jackson, Wed Mar 16 13:28:47 2022 -0600 : Began transferring login page to ejs templates
7ae81b6 - Spencer Jackson, Mon Feb 28 23:29:36 2022 -0700 : Added User Profile page demo - Spencer
fdb70d2 - Spencer Jackson, Fri Feb 18 18:04:55 2022 -0700 : Added folder to hold html with outline of our registration page
~
(END)
```

- **Matthew:** During development, I contributed to the generation of the html version of the registration page, moving on to the feed and creating post functionality with Yuhe later in development. I wrote multiple scripts for the registration page to verify user input and appropriateness of inputs. I also participated in discovering and deploying an initial image uploading method in a joint partnership with Spencer in time for the presentation. I extensively tested and documented my findings through manual testing, and managed to set up mocha/chai testing functionality in our project. Unfortunately, it was not able to be fully utilized before this project came to an end.
  - Matthew Commits History (LINK):
  - https://github.com/cub-csci-3308-spring-2022/csci-3308-spring22-017-04/commits?author=sumatthe29
- **John:** During the creation of the website, I worked on the beginning html of the for the feed page, and later on worked on getting the registration page functionality working. I worked on the get and post requests for the page through server.js. Checked so that passwords would match in fields and users got to a minimum length.

  https://github.com/cub-csci-3308-spring-2022/csci-3308-spring22-017-04/commits?author=joro1561

- **Yuhe:** I made the initialization of our database, and create those tables and variables. After we find out we need a create post page, I made the HTML file for it. Then I complete the get and post request for the create post page, and conect

the create page and feed page with Matthew. Finally we figer out how to upload a image and store it in the database.

Commit history:
https://github.com/cub-csci-3308-spring-2022/csci-3308-spring22-017-04/commits?author=YuheZou

- **Victoria:** I contributed to the original HTML version of the home page, and the original generation of the navigation bar. I then did some overhauling with the HTML so that the formatting was consistent throughout everyone's contribution. I also helped with the Node.js (get/post requests) of adding a user, removing a user, and searching for a user on the home page.

  https://github.com/cub-csci-3308-spring-2022/csci-3308-spring22-017-04/commits?author=vina-cpu

- **Caelus:** I mainly contributed to the user profile page of the website, adding the buttons for adding catches and buddies, writing node javascript to display the catches, buddies, and posts of the user, creating the get method for rendering the page and determining if the profile is the current user or another user, helped create the post method for adding new catches, and made a test for the user profile page properly rendering. Other than that, I also made the basic template for the login page and I worked on the database.

Commit History link and screenshots

https://github.com/cub-csci-3308-spring-2022/csci-3308-spring22-017-04/commits?author=Caelus-hub

```
commit 5b6bb61ca1e89f55427e70d7525ac802838a596f
Author: Caelus Kasparek <caka8947@colorado.edu>
Date:   Thu Apr 21 15:55:15 2022 -0600

    added a test case for userpage rendering

commit ef5e16cc8c234722a305499f9eac435af00865da
Author: Caelus Kasparek <caka8947@colorado.edu>
Date:   Fri Apr 15 11:04:07 2022 -0600

    fixed adding catches

commit b8edcee48138f169889bb73c5a4f48ce6d651699
Author: Caelus Kasparek <caka8947@colorado.edu>
Date:   Fri Apr 15 09:42:08 2022 -0600

    got post images to render in profiles

commit 3214b1d21b698f949db9ed40a28080ab0f1e2ac8
Author: Caelus Kasparek <caka8947@colorado.edu>
Date:   Thu Apr 14 17:53:34 2022 -0600

    fixed databse rendering on userprofile and reformated a bit

commit e008c47356e5d34492e209ada5f919856ca5e5c8
Author: Caelus Kasparek <caka8947@colorado.edu>
Date:   Thu Apr 14 13:12:50 2022 -0600

    added add fishing buddy method to userpage
```

```
commit 8442477089778f96e4e81dc06c75f01cb13a5eae
Author: Caelus Kasparek <caka8947@colorado.edu>
Date:   Thu Apr 14 11:24:13 2022 -0600

    Added query to userpage to for the user

commit fde8bdaf595ee9c490baea9e3eb6622740bfc77e
Author: Caelus Kasparek <caka8947@colorado.edu>
Date:   Wed Apr 13 14:16:25 2022 -0600

    fixed friends in profile requests

commit e3a2fb843c9d22a902998127b94957d5f9c5c88f
Author: Caelus Kasparek <caka8947@colorado.edu>
Date:   Tue Apr 12 18:15:31 2022 -0600

    Added new file for profile

commit c0b166912a6ab16ddf788d72c43b645e132f1d5b
Author: Caelus Kasparek <caka8947@colorado.edu>
Date:   Tue Apr 12 15:52:06 2022 -0600

    fixed rendering for the add catch page

commit 34574d09d9c2409a894775c6d639442397bbca87
Author: Caelus Kasparek <caka8947@colorado.edu>
Date:   Tue Apr 12 14:29:08 2022 -0600

    got userprofile to render

commit 3e4f437ade4451667fe8708311b98022edd6015d
Author: Caelus Kasparek <caka8947@colorado.edu>
Date:   Mon Apr 11 17:51:44 2022 -0600

    added Serials to database, and modified a few server.js methods

commit aad13051ad5c84b34ba08a1e527fd6867bc436ce
Author: Caelus Kasparek <caka8947@colorado.edu>
Date:   Sun Apr 10 09:19:58 2022 -0600

    started implementing new friend adding method and created a post method

commit cd00ed4afb5f9f3e1b662bfd2aa4bc439be1b5bd
Merge: 4e16296 a372720
Author: Caelus Kasparek <caka8947@colorado.edu>
Date:   Sat Apr 9 16:19:29 2022 -0600

    Merge branch 'main' of https://github.com/cub-csci-3308-spring-2022/csci

commit 4e16296eb6990002746f2fec40a7bd22e772b9f9
Author: Caelus Kasparek <caka8947@colorado.edu>
Date:   Sat Apr 9 16:19:11 2022 -0600

    started post for adding catch
```

```
commit 839b9018a40c83c9559bedbc4419844475ebab40
Author: Caelus Kasparek <caka8947@colorado.edu>
Date:   Fri Apr 8 22:35:50 2022 -0600

    added more to userprofile.ejs

commit a4352aa15b73dcf5a088aeff64013d47197c10f6
Author: Caelus Kasparek <caka8947@colorado.edu>
Date:   Mon Apr 4 18:23:57 2022 -0600

    small commit; updated userprofile.ejs with more JS code

commit 1b519b94419defa52246b55fc893b5296931fcbc
Author: Caelus Kasparek <caka8947@colorado.edu>
Date:   Mon Apr 4 14:23:47 2022 -0600

    added an app.get for the user profile in server.js

commit 41ffb1f97e222cad8d88d5c02b0a20a7a52449f4
Author: Caelus Kasparek <caka8947@colorado.edu>
Date:   Sun Mar 20 13:06:19 2022 -0600

    updated user page ui and made an ejs file

commit 2673495ab1d2df86e314bd83500203895a1320fa
Author: Caelus Kasparek <caka8947@colorado.edu>
Date:   Mon Mar 7 18:10:49 2022 -0700

    edited login

commit cc90e7616710e4df0d8a7e6692091e4585581f9c
Merge: 9181d1b b5d3cf3
Author: Caelus Kasparek <caka8947@colorado.edu>
Date:   Mon Mar 7 17:38:57 2022 -0700

    Merge branch 'main' of https://github.com/cub-csci-3308-spr

commit 9181d1be842d210acb3c54c1a427f4f3e70ce1b7
Author: Caelus Kasparek <caka8947@colorado.edu>
Date:   Mon Mar 7 17:38:44 2022 -0700

    fixed up table

commit da16ff2c18352790bbcc33449600a7f7a5c303f9
Merge: 89bd974 22d2e0e
Author: Caelus Kasparek <caka8947@colorado.edu>
Date:   Tue Mar 1 23:32:38 2022 -0700

    Merge branch 'main' of https://github.com/cub-csci-3308-spr

commit 89bd9741c5c2e3f6dcf07e864d3c664ecd5be7a1
Author: Caelus Kasparek <caka8947@colorado.edu>
Date:   Tue Mar 1 23:32:22 2022 -0700

    added a basic template for the database tables
```

```
commit 1189d7daae1b7986630ddac493222063ba7bfdd8
Merge: 9279fec afb9159
Author: Caelus Kasparek <caka8947@colorado.edu>
Date:   Wed Feb 23 18:11:37 2022 -0700

    Merge branch 'main' of https://github.com/cub-csci-

commit 9279fecd45fe53095fafd1ec836c0b7b77e95e65
Author: Caelus Kasparek <caka8947@colorado.edu>
Date:   Wed Feb 23 18:11:21 2022 -0700

    spiced up the login page

commit b66d9f079f8d75980bc52d78bd3acf1d25294c13
Author: Caelus Kasparek <caka8947@colorado.edu>
Date:   Mon Feb 21 18:08:17 2022 -0700

    updated login

commit 53fc897f8a9ad2ec65a810408eed2e4bde78659f
Author: Caelus Kasparek <caka8947@colorado.edu>
Date:   Fri Feb 18 18:53:33 2022 -0700

    added a basic template for login page

commit 7951f55b6f9315e68f26263fa2065c7e247a60a1
Merge: b60887b fdb70d2
Author: Caelus Kasparek <caka8947@colorado.edu>
Date:   Fri Feb 18 18:51:58 2022 -0700

    Merge branch 'main' of https://github.com/cub-csci-

commit b60887b148f9db728b97169fc5975aa2ab325c9c
Author: Caelus Kasparek <caka8947@colorado.edu>
Date:   Fri Feb 18 18:51:08 2022 -0700

    Added basic template for login page

commit 9baf5e8a9bd9f7fdf4d0d4421176efea5df65e6e
Author: Caelus Kasparek <caka8947@colorado.edu>
Date:   Mon Feb 7 18:51:03 2022 -0700

    Updated milestone

commit 55993da1c791472cd421681f20f2dbc1c086f453
Author: Caelus Kasparek <caka8947@colorado.edu>
Date:   Mon Feb 7 18:36:00 2022 -0700

    First MileStone
```

Deployment: link to deployment environment or a written description of how the app was deployed and how one might access/run the app.

Link: go-fish-site.herokuapp.com/

Be sure to:
Tag your repo with "Final Submission" (make sure to push your tag to your repo)
Include a README in your repository:
Describe repo organization/structure
Describe how to build/run/test code
If using a Continuous Integration system, provide a link to the CI status page