

**CEN: 4010 Principles of Software Engineering, Summer
Term, 2020**

Team: Anime Lover's

Project Name: The Covid Cove (Milestone 2)

Team 14

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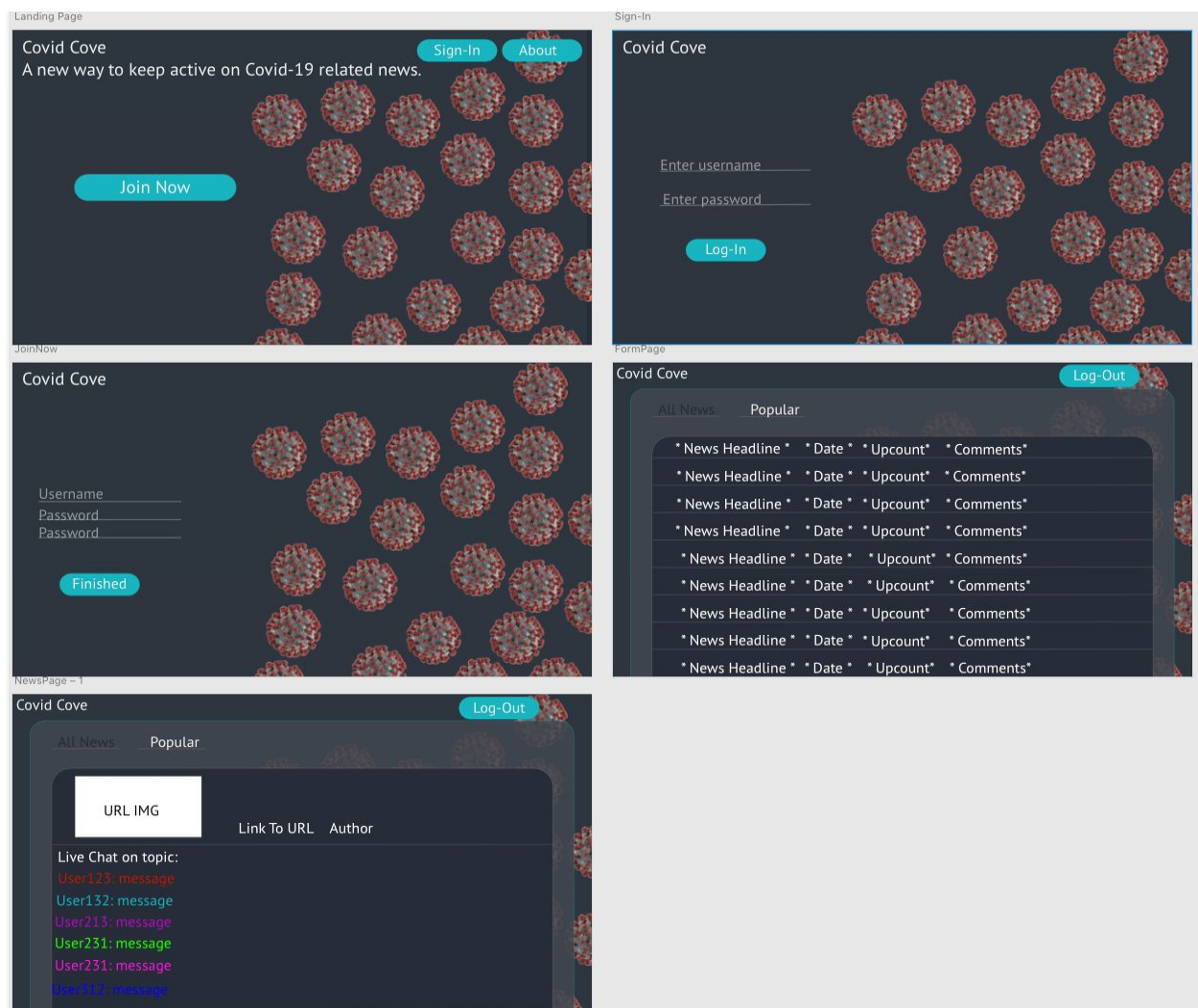
Group Peer Evaluation (Total:10 pts):

Zain Cruz: 25%

Samantha Medina: 25%

Ricardo Morales: 25%

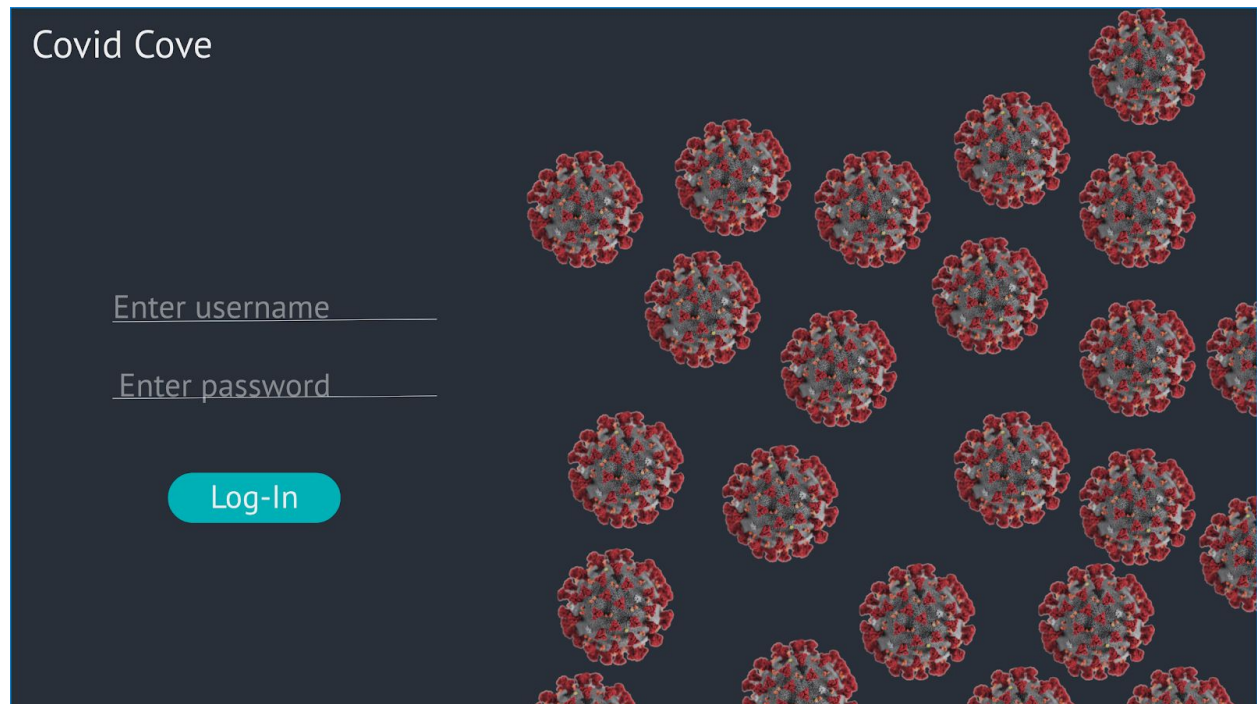
Adam Fox: 25%



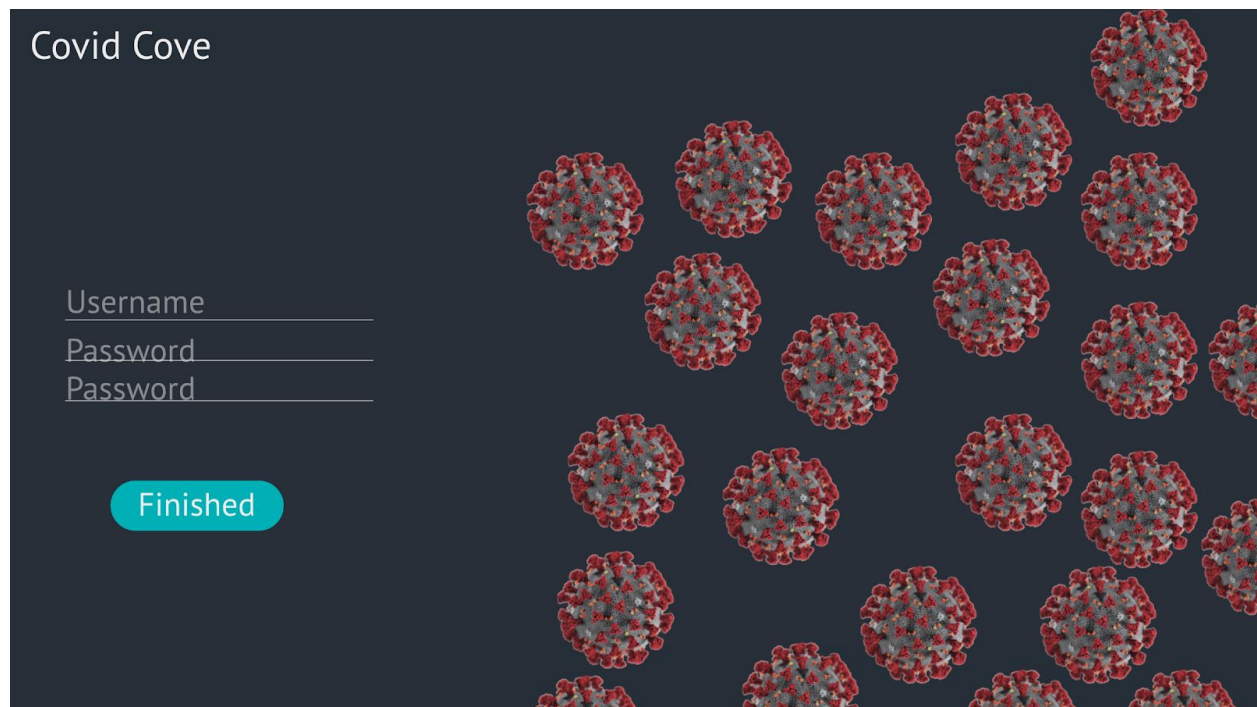
The above image serves as the collective GUI mockup of our project website. Below will show the specific description and functionalities of each page in our site.



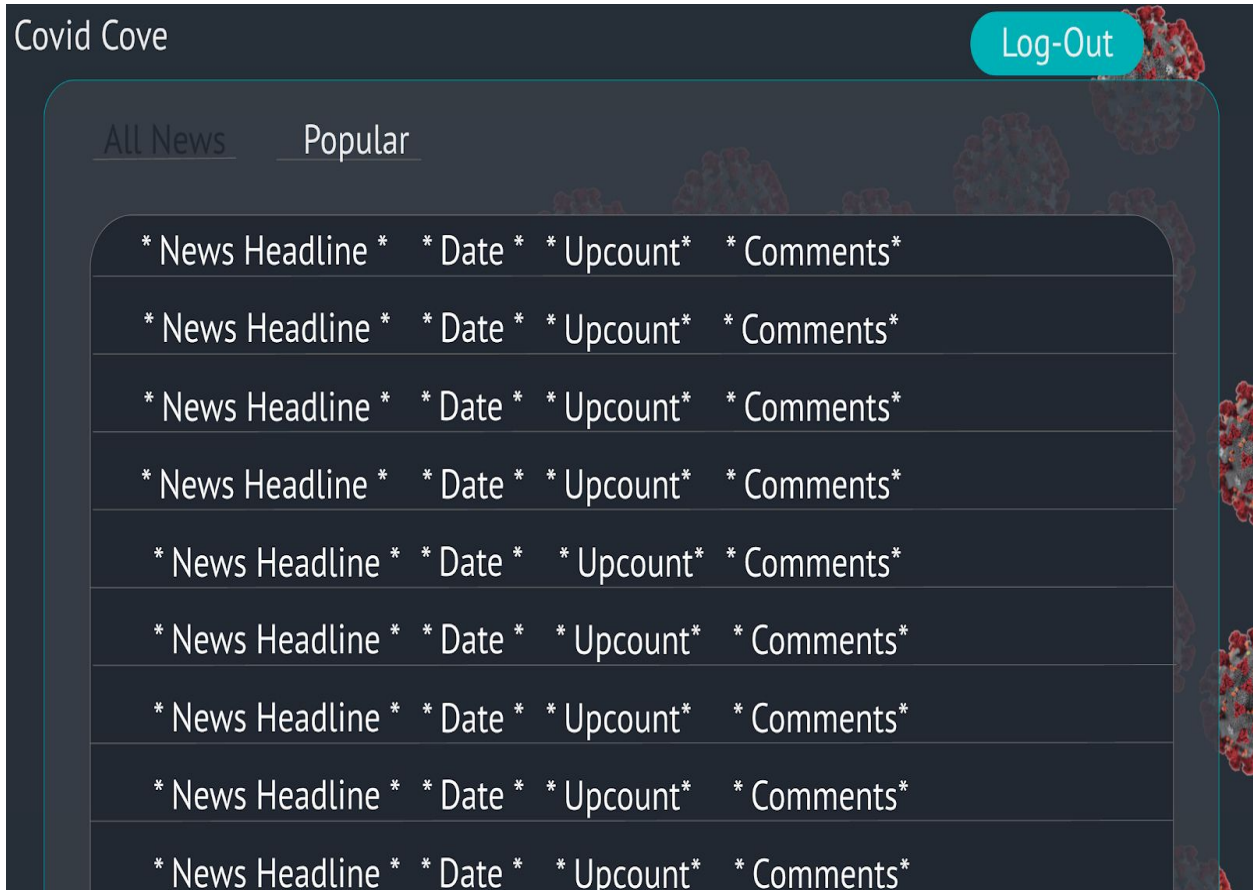
This is our landing page, upon visiting or clicking onto our site, the consumer will be welcomed to a short description of our site shown at the top and an option to sign up to join our site. The landing page will consist of three buttons, two of which have similar functions. The join now button in the middle of the page will be for new visitors of the site so that they can create a username and password login in order to have access to our chat rooms and articles. Similarly the sign in button shown in the top right will be for returning visitors of the site who have already joined our website and have a login, so that will take them to the login page. The last button on this page is the about button which will take a visitor to our team projects homepage that we did for milestone 0. This will allow any user to know more about the team who developed this project. To perform the functions on this page we will primarily use html, css, and bootstrap for the styling of the website.



This is the log-in page that users will be brought to after clicking on the “sign-in” button on the landing page. Existing users will enter their previously made username and password in order to be given access to our archives and chat rooms. We want to make it so that a user who opts to not create a login can still view our archives and articles, but will not be able to comment or talk in the live chat rooms. This is to ensure safety for our consumers and have any user that does participate in the live chat be able to be held responsible for any text abuse or mischievous behavior they might cause. Once entering their information into the text boxes shown above, they will be directed to the main page of the site showing our articles. To perform the functions on this page, we will primarily be using the same things for styling. Also we will be using php and phpmyadmin for authentication.

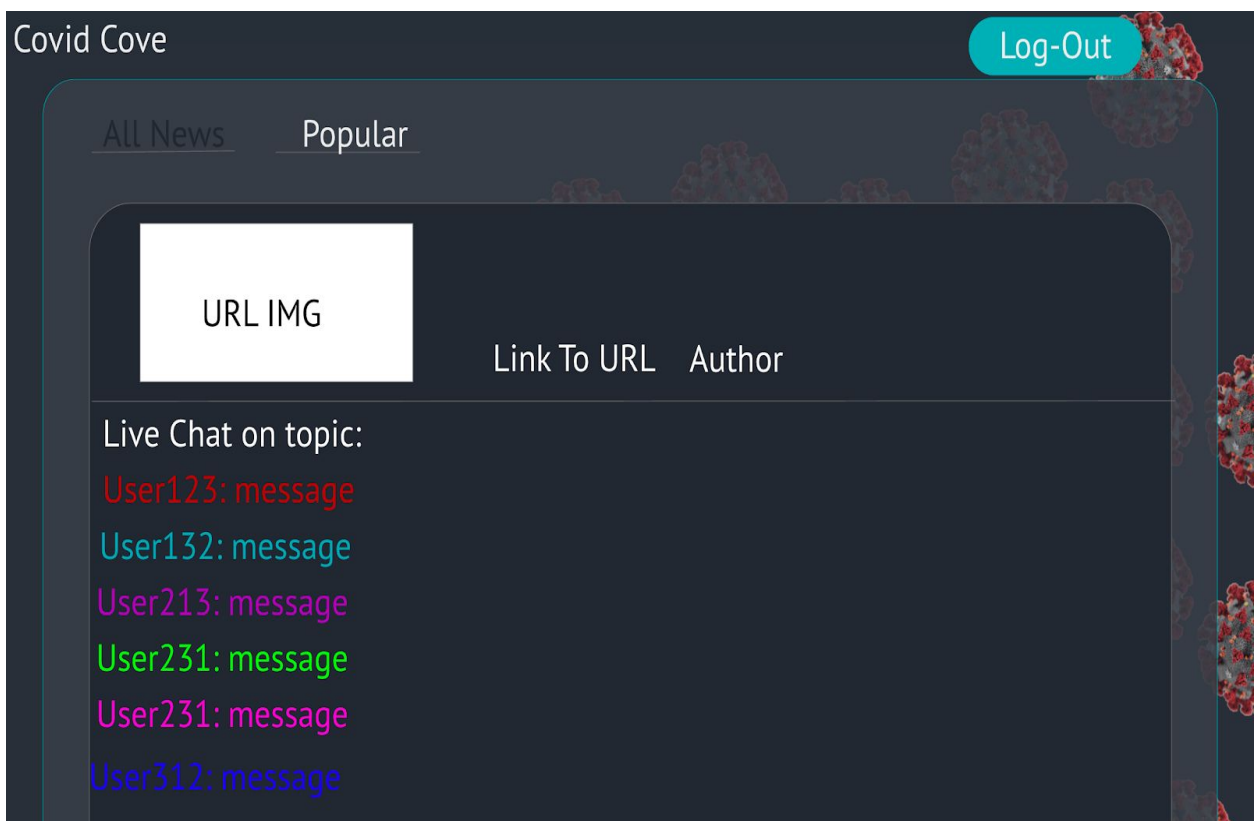


This is the sign up page of the site, which is where users will be directed to once clicking on the “Join now” button on the landing page. This is of course for new users of the site who wish to gain that access to the archives and chat rooms. Users will be required to make up a username and a password in which they will need to use the second password text box to verify their chosen password. In order to ensure the safety of our consumers, so that no one may gain access to someone else’s account, the password will require at least one capital letter and at least one number or special character. In order to perform these functions we will be using the same stuff for styling. We will also use php, and phpmyadmin for managing the mysql database and authenticating users.

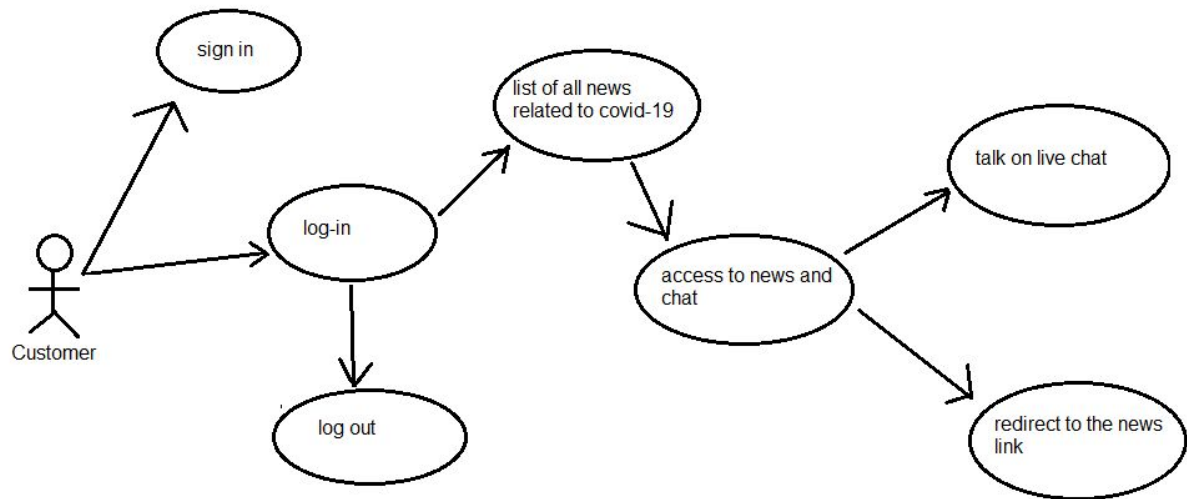


This is the form page and will serve as a mainpage of the site, displaying all the news headlines along with their date and upcounts. Upcounts serve as a “like” function that can allow users to sort by popular posts. This meaning of course that the more upvotes a headline has, the more popular that headline will be. Headlines and articles will be archived here for users to view and direct towards in order to chat and express their opinions on the current happenings and developments of the Covid-19 virus. Upon clicking on one of the headline sections, the user will be directed to our article-page, in which the live chats and comments will be held. It is also worth

noting this is the first time that we are seeing the “Log-out” button on our site, which upon clicking of course will log the user out and return them to our landing page. In order to perform the functions on this page we will primarily either serve web pages from an api or scrape all links into a file uploading it to the phpmyadmin sql side of things. Then we will send that data to the website to show on all the pages.



This is the article-page of our site, here is where users can talk about the most current and up to date developments happening pertaining to the Covid-19 virus. This is a very unique function of our website in conjunction with our form page as users can first select a specific headline in which they want to view and then comment on those articles in real time. To talk further about what is on this page, it will feature a “URL image” displayed in the top left which will add a more aesthetically pleasing feel, while also being able to display quick and recognizable logos so users can instantly tell where information may be coming from. For example, should an article about the Covid-19 virus be released by “The New York Times,” then viewers may find it helpful to see their incredibly recognizable logo displayed in the top left as it may be one of their most trusted news sources. Next to the “URL image” directly to the right, is the actual link to the URL. Upon clicking this, users will be brought to the actual article, after reading can chat on our site about what they may be experiencing in relevance to that specific article. The author of the displayed article will also be displayed on our site, in order to reinforce the and show the reputable source information and doctors or reporters who are reporting on the Covid-19 virus. On this page, if users click on the “All news” or “Popular” tabs, then they will be brought back to the form page, under the specified tab. Lastly, this page also features a log-out button. To perform the functions of this page, we will be using the same things for styling. We will also be using php and phpmyadmin for serving the data to the webpage (as in the live comments and such).



This is our Use Case Model or UML for how the site should function, which we believe falls well in line with our GUI mockup and product backlog items.

FOOTNOTE: We did not detect any problems in our previous assignments after creating our prototype. As such we did not modify our previous assignments this time around, and do not have any current updates to share in the “Readme” file at this time.