

8th

## COViD-19 CT Information - Website

Guhan Sivakumar

Waterbury Arts Magnet School (Middle)

Community, Education, Health, Vulnerable Populations, Current Infection Disease COVID-19

### **What problems are you trying to solve?**

*There are many sites with different parts of information about COVID-19 but there aren't many sites that link all this information and give everything in one spot while having things that people of all ages can use. Convenience is a key thing when making a website. People are attracted to the website that gives the right information, the quickest. With me being in grade 8, I am not someone who can bring new news about medicine for COVID-19 but what I can do is bring all the information into one spot and attract everyone to it. The kids' section in my website is at the bottom. When children are looking for coloring pages they might say "hey mom look" and then the family might read some of the information on the page.*

### **What inspired you to address this problem?**

*I got inspired by my own family. I took some of the problems we were having sitting home all day and fixed them with this website. After that, I added some information that I thought people might want to see. Finally, I added some links that would expand on what I had said in the site so that people interested in that topic could learn more. I understood that if I focused on one thing I would lose viewers but if I didn't expand enough on anything that would be a problem also. I decided to make sure I met both of those requirements I had put on myself.*

### **Describe your idea and functionality:**

*My computing submission is a website that has information for people all around the United States but also gives some extra specific information about Connecticut.*

### **Team Members:**

### **Links:**

<https://covid19-ct-info.godaddysites.com/>

8th

## Helping Hand

Tyler Lawton

Leonard J. Tyl Middle School

Supplies and Necessities

### **What problems are you trying to solve?**

*The problem being addressed in my project is the lack of essentials and PPE. Once completed, it will help get supplies, food, PPE, and other essentials to front-line and essential workers, as well as needy families that can't afford the prices of some necessary items. Also, after the crisis ends, we can still continue to use this app to donate to other charities, such as Wounded Warriors, Red Cross, or the World Wildlife Fund.*

### **What inspired you to address this problem?**

*The inspiration for my idea comes from seeing and hearing that nurses, such as my cousin, get only a limited number of masks, not enough to be properly sanitary in my opinion. Also, now that demand is up on some essentials, people can't afford what they might need. As I mentioned, It is similar to a 'GoFundMe' page, but it will support one or two broad ideas rather than hundreds of tiny ones.*

### **Describe your idea and functionality:**

*This app would be highly functional because it can help in a variety of ways. First of all 'Helping Hand' can help with the COVID-19 crisis. It can help with this pandemic by donating food and PPE to front-line and essential workers who already aren't getting what they need. It can also donate to needy families who can't afford the excessive prices imposed by distributors for essential materials, like food and toiletries. Also, once this crisis is over, Helping Hand can donate to other charities and non-profits, such as Wounded Warriors, St. Jude's, Red Cross, or any others. Local non-profits can also submit their reasons for donations, and they can potentially be featured for donations. This is a minor add-on video to think about: for local non-profit organizations seeking donations, we can add a 'local' tab to the menu, below 'weekly charity'.*

### **Team Members:**

### **Links:**

<https://www.youtube.com/watch?v=wrvqmwOEAeo>

8th

## Connecticut Covid-19

Saaransh Khandelwal

Middlebrook Middle School

Community, Health

### **What problems are you trying to solve?**

*I was trying to educate people on the pandemic and make them care about the problem and follow safety precautions so that everyone would be safe.*

### **What inspired you to address this problem?**

*I actually was feeling really bored and wanted to apply my knowledge of XHTML and CSS so I would remember it. I was also watching that people weren't following rules and friends who weren't related to one another were walking around as if they didn't know that there was a global pandemic. I was a little frustrated and angry because people were dying and these people didn't have a care in the world.*

### **Describe your idea and functionality:**

*It is a website that informs on the spread of coronavirus, provides a list of activities to do if you are bored during quarantine, and tells you how you can help your community.*

### **Team Members:**

### **Links:**

<http://ct-covid.com>

8th

## The Check-in and Go

Nidhi Cheetti

Timothy Edward Middle School

Businesses, Community

### What problems are you trying to solve?

*As local stores are slowly opening, there are limits on the number of people allowed in the facility. The opening of places, such as restaurants could cause sudden increase of customers or vice versa. This could lead to unsafe conditions in these spaces with too many people or not enough people showing up the business could lead to them losing even more money. Stores need a safe, easy and effective way to streamline their businesses.*

### What inspired you to address this problem?

*Me and my family wasn't sure where it'd be okay to go after everything opened up, so we wanted a way to check the traffic of a place from home. As of right now, there isn't an easy and accurate way to remotely check the number of people at a location.*

### Describe your idea and functionality:

*My idea is something each business will have on their website. It will basically be a "sign in sheet" that will show how many people are at a place at a time. People can go online to the business's website and see how many people are usually there, and decide if it's worth the risk to go. If they do decide to go, they will have to schedule a time slot in which they go. This will make sure that they don't spend too much time at the location, which reduces the amount of exposure they face and allows the business to optimize the amount of people they see a day all while keeping the amount people in the location at a time under or at the legal limit.*

### Team Members:

### Links:

8th

## **Projer! (Project: Together)**

Ryan Duong

Timothy Edwards Middle School

Community, Education, Health

### **What problems are you trying to solve?**

*During this COVID-19 crisis, we're isolated from one another. As a community, we're now restricted to ourselves, to protect the same community that we've strayed from for now. Due to this, we're left to our own devices, community projects, and events where we get to learn & support each other, events that would normally involve us, seem to cease.*

### **What inspired you to address this problem?**

*For many of us, we're separated from our friends, and in others, family. These are the people that are most important in our lives, who we often shared joyous time with. With COVID-19, I (along with many others) have thought about them. As a society, we support each other as a whole, so I wanted to find a method, to bring us together, without risking the health of each other.*

### **Describe your idea and functionality:**

*Projer would be an application accessible on many devices, including phones, computers, and mobile devices. The intent is to allow communities and groups to conduct events together, and create tutorials meant to help others out! The target audience would be those in their mid-20s to 40s, as those would have both children and parents to spread any information to, regarding their safety. Projer will have 2 sections: "Projects" and "Tutorials". In tutorials, posts uploaded in this section are generally posts that are intended to help users, regarding a specific topic about the COVID-19 crisis. An example would be how to create an effective mask at home. With projects, these are posts that reflect more towards events that strive to connect users together, as a community, while also being family-friendly. Anyone can create content, but to be shown publicly, they must pass through a moderation process, with an automated system, checking for relevance, and human moderation to verify accuracy.*

### **Team Members:**

### **Links:**

8th

## Measure For Friends

Aaron Roth

Madison

Community

### **What problems are you trying to solve?**

*To be able to see your friends and family safely. After I finish all my work, I would like to be able to see some of my friends and this simple solution could help me do it.*

### **What inspired you to address this problem?**

*I have not been able to see them in a very long time and I want to catch up with everything that they have done as well as being able to see my grandparents who I havent seen in a very long time.*

### **Describe your idea and functionality:**

*Basically you wear a mask and gloves and use the measure app on iphone to make sure you stay 6 feet apart while walking.*

### **Team Members:**

### **Links:**

8th

## Care Center

Carly MacKinnon

Saint Joseph School, Danbury

Businesses, Community, Health, Vulnerable Populations

### **What problems are you trying to solve?**

*We are trying to solve the issue of people who want to help others but do not know how. We will be boosting morale, feeding children, and funding businesses that help our communities.*

### **What inspired you to address this problem?**

*We were inspired by the extreme conditions in our community and all of the people who are giving back in this time of need. The fact that so many people that are just like us are struggling made us realize it was time to take action.*

### **Describe your idea and functionality:**

*Our website will include already-existing go-fund-me, catering service, and volunteer page links, locations of food pantries, and where donations are being held. The catering services and restaurant links will include businesses that provide school lunches. The user can use the volunteer page links to sign up for a service, which will be categorized by region and service type. The website will include directions on how to create a service website, which will be step-by-step, and a pdf of flyers. The flyers will advertise the website. The notification feature will send inspirational quotes to the website user. We formed a plan for advertisement that includes website builder requirements and social media. The users who want to create their own service websites will have to include our flyers on their websites. Our school offered the use of their social media for advertising. Our plans will broadcast our idea on other social media platforms such as Facebook, Instagram, Twitter, and more.*

### **Team Members:**

Nicole Radliff

Charles Doran

### **Links:**

8th

## What To Do?-COVID-19

Fatima Abdulrahman

Whisconier Middle School

Education, Entertainment, Health

### What problems are you trying to solve?

*People are getting information from unreliable sources. This program will address the issue by teaching its users about COVID-19 using sources provided by the government and other reliable sources.*

### What inspired you to address this problem?

*As a student, I was constantly reminded about how some websites post false information. During these times, people may have received false information about the virus. While there are reliable sources online, people might not have the desire to go searching for them. If the information from reliable sources (government websites) could be accessed easily on an entertainment source platform, people will be encouraged to learn more about the virus while being made wary of unreliable sources.*

### Describe your idea and functionality:

*An all-ages game that informs people on the best way to stay safe and healthy during these times.*

*There would be four main screens*

*A Learn tab*

*A "home" tab*

*Scenario and options (game)*

*The correct answer (game)*

*When starting the app, you can create your own avatar/ character using the options provided*

*When you open the app, you see the home screen*

*Click the "Learn" tab to learn about COVID-19 from reliable sources*

*As you move from one stage to the next when playing the game, you must answer questions about how to avoid contracting COVID-19*

*These questions involve scenarios that may occur during these times*

*Selecting the right answers allow you to move on to the next level*

*If you select a wrong answer, you will be provided with an explanation on why that option isn't the best answer, and then return to the home screen*

*You can also return to the home screen by clicking the button on the top right corner*

### Team Members:

### Links:

8th

## **Kicks For Covid**

Isaiah Turnipseed

Fairfield Woods Middle School

Businesses, Community, Health

### **What problems are you trying to solve?**

*We are trying to raise the amount of money that is being donated to Covid-19 relief programs.*

### **What inspired you to address this problem?**

*In elementary school there were fundraisers that had a very enticing prize that everybody wanted, which made them want to donate and raise money. There is most likely not a very big amount of money being generated for Covid so we are trying to fix it via our idea.*

### **Describe your idea and functionality:**

*Essentially, we set up a website where we openly let people donate to the cause, however there is a catch. Those who donate 200 dollars or more will be gifted an exclusive Covid 19 shoe that is partially designed by my partner and I. We would link up with top teir brands who would be able to help us advertise the shoe to many many people. We are trying to appeal to the massive group of people who love to collect shoes. With this they can they buy the shoe for a pretty normal price while at the same time half of the money is sent to the manufacturers of the shoe and half goes to raising money for Covid. This is all with the consent of the company of course as we wouldn't want a partnership that is not win-win.*

### **Team Members:**

Jonathan Stekloff

### **Links:**

8th

## Covid 19 Health

Kailyn Miller

Leonard J. Tyl Middle School

Health

### **What problems are you trying to solve?**

*Stopping Covid*

### **What inspired you to address this problem?**

*It inspired me because I wanna get back to my everyday life and also nurses and doctors advice on staying healthy should be highlighted.*

### **Describe your idea and functionality:**

*My idea is stating the points nurses make and also showing the rates of infection and also facts on staying healthy. My function requires you have to make an account but only nurses and doctors and governors can post anything*

### **Team Members:**

### **Links:**

8th

## A Brighter Tomorrow

Jack Brehler

Tyl Middle School

Businesses, Community, Health, Vulnerable Populations

### **What problems are you trying to solve?**

*My goal was to prevent the use of wasteful rations by limiting what you can buy based on family size. I also wanted to reduce highly populated stores.*

### **What inspired you to address this problem?**

*I was brainstorming ways that could positively impact stores and help reduce the spread of the virus. I knew I would need an idea that would be able to help in more than one way.*

### **Describe your idea and functionality:**

*My idea was to save rations and distribute them equally based on the size of your family. My idea would also help limit the amount of people that were in the store at once.*

### **Team Members:**

### **Links:**

8th

## A Way To Keep People Inside

Victoria Fisher

Madison Middle School

Health

### **What problems are you trying to solve?**

*People leaving their houses. Everytime someone leaves their house it just means less social distancing which we all have to say inside long and that's annoying.*

### **What inspired you to address this problem?**

*I'm really annoyed at these people who think it's okay to walk outside without a mask like they don't have a care in the whole world. I just want to go outside.*

### **Describe your idea and functionality:**

*The government makes an app and then people can apply to be 'supply getters' and if you're not you stay inside, using this method it controls the amount of people outside at one point. People then go on the app and hire someone to get their stuff for them.*

**Team Members:**

**Links:**

8th

## COVIDcompanions

Ria Shah

Timothy Edwards Middle School

Community, Entertainment, Health

### **What problems are you trying to solve?**

*We are trying to solve the divide between community members and the lack of personal protective equipment for essential workers.*

### **What inspired you to address this problem?**

*Humans are social creatures, and these uncertain times make it increasingly important for people to talk and share their thoughts. Communicating with friends and peers can give comfort and stability during these unprecedented times. Additionally, the lack of PPE puts the health of essential workers, their patients/customers and the rest of society at risk.*

### **Describe your idea and functionality:**

*COVIDcompanions is a website that allows people to connect with others locally, nationally, and globally. A user can start on COVIDcompanions by creating a free account with a username and password, selecting what age range they're in and what language(s) they use, as well as choosing a minimum of 2 interests to maximize communication. Users can also choose their general location to connect with their community. COVIDcompanions includes 3 methods of chatting: video, audio, or text chatting. If the user wants to, they can create a group chat to discuss topics of interest. Adding on, there'll be a header at the top of the website with options for users to donate money for PPE for essential workers. If users have any PPE at home that they can donate, they can choose to connect with a local business in need of that. To keep all users safe, there'll be an option to report a user who is not abiding by website policy (detailed at signup) with evidence to ensure a positive experience for all.*

### **Team Members:**

Iris Wen

### **Links:**

8th

## Comdemic

Niyah Newell

Six to Six Magnet

Community, Health

### **What problems are you trying to solve?**

*The conflict in need of resolving is the lack of communication between friends, families and other people and what it can lead to*

### **What inspired you to address this problem?**

*I was inspired to address this problem due to the amount of health related issues lack of communication can cause. Consequently, we need to give the people solutions to be able to communicate so they will practice social distancing throughout the lifts of restrictions.*

### **Describe your idea and functionality:**

*My website will encourage and inform others by giving them actual facts about the pandemic's effects on communities and health, As well as how life before this has changed. Consequently, my website will provide solutions as for how we can communicate with each other as social distancing policies begin to lift.*

### **Team Members:**

### **Links:**

8th

## **6ft Away**

Monique Harvey

Geraldine Claytor Magnet Academy

Health

### **What problems are you trying to solve?**

*I am trying to solve the problem of social distancing. Everyone wants to go outside. The problem is we don't know what 6ft looks like on a sidewalk or at the beach.*

### **What inspired you to address this problem?**

*What inspired me to address this problem is being able to go outside. Many people are protesting about COVID-19. Then most ended contracting the virus. If they were 6ft away from each other less would have gotten it.*

### **Describe your idea and functionality:**

*The 6ft away application will make it possible to go outside. Everyone has a phone. This app will make your phone vibrate or go off when you are 6ft away from someone with the help of the other person's phone.*

### **Team Members:**

### **Links:**

8th

## **CarPool, revolutionizing safety.**

Om Shrikam

St. Lukes School

Community, Education

### **What problems are you trying to solve?**

*I am trying to solve the problem of communication gaps between carpoolers and their guardians, as well as bus routes. Sometimes, there is an issue, a child is supposed to go home with their friend, but he doesn't show, a bus has massive delays, the parents have no idea where their children are, they are scared. Many of these are issues that can have a large impact on families. My app, CarPool, connects CarPoolers together through an app, also allowing the guardians to know the location of their children and their E.T.A. The CarPoolers can choose between many different settings and with the click of a button show their status, location, E.T.A, if they are carpooling that day, and much more.*

### **What inspired you to address this problem?**

*What inspired me was when so often I hear about children getting anxiety, getting constantly worried about not getting home safely, or at all, and parents worrying about their childrens' whereabouts and why they aren't home yet. Once, it happened to me when I was younger, it took a big impact on me and for some time I was worried while going home without my parents. I knew something had to be done.*

### **Describe your idea and functionality:**

*Most of it is above in the other box. But it functions in low service areas, as well as on other people's phones with a passkey. It functions on low power as well. It is also not easy to break into.*

### **Team Members:**

### **Links:**

8th

## **The saver**

Nikolas Smagacz

Madison Middle school

Businesses, Community, Education, Entertainment, Health, Vulnerable Populations

### **What problems are you trying to solve?**

*For people not to be scared wherever they go. I want the world to be the same as it was and I want it back.*

### **What inspired you to address this problem?**

*I came up with this idea because when I was going to the store with my mom, I realized all people are different some are scared, and some aren't. So this idea popped in my head how about if there is a way to change it.*

### **Describe your idea and functionality:**

*To have these special blowers outside stores with chemicals to disinfect you. So people wouldn't have to worry about being too close to someone or getting the virus.*

### **Team Members:**

### **Links:**

8th

## **Bubble: The Social Distancing App**

Devin Hazelton

Timothy Edwards Middle School

Community, Health

### **What problems are you trying to solve?**

*The problem I am trying to solve is how rapid COVID-19 is spreading through contact with others by not properly social distancing.*

### **What inspired you to address this problem?**

*What inspired me was an app that I was using that uses GPS and tracks your location as well as landmarks and how far away or close you are to them. This inspired the idea that this technology could be used to help people social distance from each other.*

### **Describe your idea and functionality:**

*Bubble will be a free app that anyone with a smart phone can download to help them properly social distance. The app will use the GPS in their phones to make sure that they stay separated from others around them. The app will track how far apart they are from others, and can notify people if they get too close to another person. The app can also help people who might be at a higher risk for COVID-19 by giving them a larger area or "bubble" for them to socially distance in. The app should be equipped with a feature where you can tell it of another person that you live with or have to be close to, so that it won't alert you when you are too close to them all the time. The app should be able to offer up to date information about the Coronavirus from the CDC and other reliable sources for Coronavirus information. The app should also include a disclaimer that it is not a suitable replacement for any healthcare professionals and can not be held liable if a user of the app contracts COVID-19.*

### **Team Members:**

### **Links:**

8th

## Stay Home App

Ryan Nguyen

Timothy Edwards Middle School

Community, Education, Health

### **What problems are you trying to solve?**

*The problem that I'm trying to solve is that certain groups of people aren't social distancing and that they should learn that their actions have consequences.*

### **What inspired you to address this problem?**

*I was inspired to address this problem because many people are complaining that they are staying inside for too long and they should be outside. But they don't know that things would happen faster if they knew that social distancing worked. So, to address the problem, they should be educated so that they can learn all about COVID and actually help COVID go away faster.*

### **Describe your idea and functionality:**

*My idea is to create an app that shows a lot about the coronavirus. When you open the app there are going to be 4 buttons that are as follow: Facts, Tracker, Tips, and Settings. To start off, settings are just basic and show the customizations of what you can do. The more important things are the facts, trackers, and tips. For facts, it is a kind of library with quizzes and pieces of information that relate to the Coronavirus.. This is to help people understand the situation and the facts that could help clear misunderstandings. The tracker part shows the statistics. It shows how much infected and dead in each state or country there are. It could also show the average of each age group. For the tips section, it could show the lists of food that is healthy to eat, or some exercises to keep you healthy. This app could be used so that people are taking care of themselves and keeping others safe as well.*

### **Team Members:**

### **Links:**

8th

## Connecticut United

Dave Cruz

East Rock Community & Cultural Studies Magnet School

Community, Health

### **What problems are you trying to solve?**

*I worked to raise awareness on the mental and social effects of the Coronavirus Pandemic. I feel like it is important to remind people of the community in our individualistic society, that their actions have effects that ripple through our community. I also tried to teach people how to recognize misinformation and propaganda, as well as provide important resources to those who might need it.*

### **What inspired you to address this problem?**

*My teacher showed me this great opportunity, I've always wanted to help people and I feel like this is the best way of doing so as almost everyone has access to the Internet. Broadcasting useful information is important for the citizenry to make informed decisions for the health and safety of themselves, their family's and their community.*

### **Describe your idea and functionality:**

*I created a website that talks about the Coronavirus pandemic, (Prevention, symptoms, and treatment)"Social medicine" which gives ideas as to how we can make our community happier, healthier and united, Misinformation page that teaches people how to recognize, fact-check, and dispel propaganda, and a Resources page that provides links to non-profits, reliable news outlets, federal government portal, and state government portals.*

*Here is my functioning submission. Once you click the link it'll bring that to a page that asks for a password which is provided below.*

### **Team Members:**

### **Links:**

<http://connecticutunited.weebly.com>

PASSWORD: ercms