

6th

Lost Pet Locator

Amanda Carlacci

New Fairfield Middle School

Community, Pets

What problems are you trying to solve?

The problem of lost pets. Pets that are getting lost at this time are even bigger deals than normal because of the quarantine. Communities cannot interact directly so finding lost pets has become harder than ever.

What inspired you to address this problem?

What inspired us to address this problem is the missing dog, Daisy, in Amanda's neighborhood. It was very challenging for the community to find Daisy because they couldn't come together.

Describe your idea and functionality:

Our system would consist of home, register neighborhood, chat with neighborhood, create lost pet flyer, and browse flyer pages. This way you can help find your or other's pets while being apart.

Team Members:

Katie McMorrow

Links:

<https://screencast-o-matic.com/watch/cYhrFKksCR>

6th

Donation Location

Layla Scherbaum

Engineering and Science University Magnet School (ESUMS)

Businesses, Community, Health

What problems are you trying to solve?

The problem we are trying to solve is aiding our community and our state. We made 2 ideas to do so.

What inspired you to address this problem?

We wanted to find a way to help health care workers. We thought it might be nice to give them something they can use and also give them a letter of encouragement.

Describe your idea and functionality:

Local frontline heroes are working very hard, and we should support them. We do not always appreciate them as much as we should. Donation Location is a way to give back and support those who are helping us. The masks and letters will be given to hospitals across Connecticut. Also, many people are homeless and living alone and we should also help them because they should not go through this alone. We can help them by donating masks and food donations. The donations will be given to the homeless shelter.

Team Members:

Hana Beaugard

Links:

https://docs.google.com/presentation/d/1mrrf3NmgwUDLfmv7KHRXCEz6OWCNaGkwdOqzi3QIVJk/edit#slide=id.g85ae45164a_3_181

6th

Beep, Beep, You're Six Feet!

Hana Beauregard

Engineering and Science University Magnet School (ESUMS)

Businesses, Community, Health

What problems are you trying to solve?

Our goal is to help people know that they are socially distanced from other people. Many people do not know how far they are from someone or if they are a proper distance.

What inspired you to address this problem?

Staying six feet away is a very basic procedure. Although, many people are not following the rule of the socially distancing. I live on a busy street where people are constantly walking. I always see people who are not socially distancing. For me, this is a large issue because you risk getting and spreading the virus.

Describe your idea and functionality:

Beep, Beep, You're Six Feet is a product to calculate the exact distance you are from the nearest person. In the device, there is a heat sensor to detect people and movement. When a person walks by, it will trigger the device. If the person is less the six feet away, the device will emit a beep and flash red. If you are getting closer to the nearest heat figure, the device will make a lower-pitched noise and flash yellow. If you are at least six feet away, the device will emit a ding and flash green. The remainder of the buttons are to check your weekly report (if you got less than six feet away) and to find the nearest location that you can donate masks or write letters. This is a very functional and easy-to-use that can easily slip into a pocket or backpack. My partner Layla and I have separate ideas that work together as one.

Team Members:

Layla Scherbaum

Links:

<https://docs.google.com/presentation/d/1mrrf3NmgwUDLfmv7KHRXCEz6OWCNaGkwdOqzi3QIVJk/edit#slide=id.p>

6th

Talking Mask

Breanna Correia

ESUMS

Health

What problems are you trying to solve?

I am trying to Improve communication with people in public who are wearing masks.

What inspired you to address this problem?

I was on my bike the other day. I was trying to tell my Dad to slow down. It was hard to talk without the mask. The idea came to me about a mask that does the talking for you

Describe your idea and functionality:

We could connect the masks to our brain when we think about what we want to say. Once we think it, the mask says it out loud. There could also be an on and off switch so we don't say everything we think about.

Team Members:

Links:

https://docs.google.com/presentation/d/100euRQC0kyzMz1-MYLFJobZZtmwIneF_i4T6bhjqsuo/edit#slide=id.p

6th

Face Mask

Khadija Diop

ESUMS

Vulnerable Populations

What problems are you trying to solve?

I am trying to decrease the vulnerability to the virus by making a different type of face mask.

What inspired you to address this problem?

I really want to help people at this time. I know I'm decreasing the spread of the virus as people say, but I want to help more. I feel like I'm sitting home doing nothing, when I know I can do more.

Describe your idea and functionality:

My idea is a face mask, but a different type/design. There is a full description in the link.

Team Members:

Links:

<https://docs.google.com/document/d/1BmpAh6WA5bQuhH8laSz2IWFpxtOQcGIEW2Hy0unVfM0/edit>

6th

Covid 19 Computing Challenge

Rita Abouchaaoua

ESUMS

Community, Vulnerable Populations

What problems are you trying to solve?

I am bringing awareness to front line workers who disproportionately come from communities of color, the most vulnerable communities within the entirety of the United States to this virus.

What inspired you to address this problem?

The protests that have gone around of refusing to wear masks and conform to social distancing truly showed how we, as a people, disregard the efforts of others and don't make an attempt to understand each other's reality. Bringing awareness to this issue may inspire a better understanding of Covid-19 overall.

Describe your idea and functionality:

The idea is a stamp created that is fully functional and may be 3D printed and sent out to local businesses, large corporations, and other places where essential workers work.

Team Members:

Links:

https://docs.google.com/presentation/d/1fmSDG8DMUJWtbP0IWKYYHsPieDrIFLZ1_nac38v9Qzg/edit#slide=id.p

6th

The Delivering Drones

Navia Yun

Engineering and Science University Magnet School (ESUMS)

Community, Health, Vulnerable Populations

What problems are you trying to solve?

I'm trying to solve people going out and getting sick in big crowds while trying to get their necessities.

What inspired you to address this problem?

My inspiration was people always stocking up and trying to get ready. Also watching grocery managers trying to keep everything in line and having only very little people at a time.

Describe your idea and functionality:

My idea is to make a drone deliver food and supplies to people. This way nobody including a mailman would have to touch the bag of groceries. A person back at the company would have a remote control with Google Maps on it that tells the drone which direction to go.

Team Members:

Links:

<https://docs.google.com/presentation/d/1pqfmQQBq2E0JinsXsjOG2K5JfgWLasiiQe5uGZ7YKE4/edit?usp=sharing>

6th

COVID-19 Informational Brochure

Joseph Christopher

Elisabeth M Bennet Academy

Community, Education, Health

What problems are you trying to solve?

People not knowing what to do about trying to stop the spread of the coronavirus.

What inspired you to address this problem?

I want people to know what COVID-19 is and what to do about it. That is the only way that people will get better and we can go back to normal. I want people to learn how to be safe.

Describe your idea and functionality:

This flier could be shared on social media, it could be posted in public places, or emailed to people to so they know what to do.

Team Members:

Links:

https://docs.google.com/drawings/d/16qAIQ2OFeMqIF_Jkr6L7LGIUSigRWmMblHYDYN-hQA0/edit?usp=sharing

6th

Laera

Suchita Srinivasan

Norton Elementary

Community, Education

What problems are you trying to solve?

The problem I'm trying to solve is the transition of remote learning. My website also provides information of things that could be helpful to the community(Free Wi-fi, Free meals).

What inspired you to address this problem?

When Norton Elementary was switching to remote learning, the transition wasn't smooth. I created Laera, a learning website help this. It's organized and has features to help students stay on track. My site also provides information about things that could help families, like where to get free meals. This pandemic has been hard on everyone, but hopefully, Laera can help clear up some of these issues.

Describe your idea and functionality:

Like mentioned before, Laera is a learning website. It consists of a Home, Lesson, Work, Forum, Schedule, Class News, and About Us page. it allows students to learn effectively and easily, but also provides a page(News) to keep everyone posted about things going on. Laera also has a place where students and teachers can donate to help people being affected by this pandemic.

Team Members:

Links:

https://docs.google.com/presentation/d/1GR_thxNigS2dvwvla_0BXfBQP5POAVzOcz9ajQLD1uM/edit?usp=sharing

<https://www.youtube.com/watch?v=Gseu9wpuh1w>

6th

Covid Info Hero

Lucy Yu

Engineering and Science University Magnet School

Education, Health, Informing people, which I guess could sort of be considered education?

What problems are you trying to solve?

A lot of people may be misinformed about COVID-19, and it's understandable with the internet, the news, television and social media subjecting us to a constant stream of information. Covid Info Hero aims to solve some misinformation, by gathering info from government sources, and reputable news sources to inform readers about the lockdown statuses in their areas, as well as food banks, school announcements and more, all on a condensed site, so you don't have to go searching for direct answers.

What inspired you to address this problem?

I know a lot of people who have struggled to understand current situations and have been confused about what they should do, especially in early stages of the lockdown. I think when people are confused that can lead them to be more likely to panic, or what is in some ways worse here, disregard it and go about life. If we really want to stop this pandemic and flatten the curve neither of these things will help.

Describe your idea and functionality:

Covid Info Hero would be a website that would function by you entering your zip code into a search bar, the zip code would be recognized and would pull up a profile of your city and county. This page would have updating information on the COVID-19 situation, with links to different government websites, as well as recommendations on things like what masks you should wear, and what to do if you believe you have the virus, information about food banks and soup kitchens that are still running at this time, lockdown regulations, and broken down data of the cases and deaths in the area that the average reader could easily understand.

Team Members:

Links:

6th

Herupa

Asad Shahzad

Race Brook School

Community

What problems are you trying to solve?

I am trying to fix the problem of high priced delivery and transportation.

What inspired you to address this problem?

During corona virus, sometimes my dad and I took rides around the town. I looked outside, and saw buses stopping at bus stops and people walking a long way to find a good restaurant. Some of these people have a home, and others were homeless.

Describe your idea and functionality:

The app lets you order, but before you order it hunts for coupons before you order and applies it to the order so it could make it as cheap as possible for the person who is ordering. If they are planning to travel, they will also get deals from the cheapest transportation services. So it will make it as cheap as possible.

Team Members:

Links:

6th

6 feet - at - all - times

Emma Sink

Norton Elementary

Community, Health

What problems are you trying to solve?

Social distancing. People aren't social distancing and it's showing in the cases. If they did, it would be way more contaminated now and back to school.

What inspired you to address this problem?

I was in the car, and it was a nice day out. We went by the trail near our house, and it was packed! I go on walks at night to avoid large crowds, but people weren't social distancing at all.

Describe your idea and functionality:

My idea is to make an app that buzzes when people come in six feet of each other. It only buzzes when the two people have the app, but it will stop the spread!

Team Members:

Links:

6th

COVID-19 Hotspot

Devananda Kallath

West Woods Upper Elementary School

Community, Health, Vulnerable Populations

What problems are you trying to solve?

We want to go to a store but we don't know whether there was someone with direct or indirect contact with a COVID-19 patient. So my app would trace whether people had contact with a COVID-19 patient and it would inform a store or any public place a potential hotspot.

What inspired you to address this problem?

We are hesitant to go to a public place because we don't know who has been in direct or indirect contact with COVID-19 patients and we don't know whether they are following the CDC guidelines about social distancing.

Describe your idea and functionality:

The app would be adding another layer to the graph that shows how crowded a public place is. It would be saying how many people at that place at that time have been in direct or indirect contact with a COVID-19 patient. No one's privacy would be revealed. It would just be Person 1, Person 2. The app would be able to collect information from hospitals and health departments without the person's identity. Individuals can also contribute information. It is based on the phone's location info. The app would also connect where the person has gone and if they have been in contact with anyone in the hospital or anyone that has been in the hospital.

Team Members:

Links:

6th

Sanitizing Reminder

Corey Jones Jr..

Engineering and Science University Magnet School

Health

What problems are you trying to solve?

I'm trying to help decrease the transmission of COVID-19. Hand hygiene is the most effective action to stop transmission. If people washed their hands very frequently it could help stop the spreading of the virus.

What inspired you to address this problem?

What inspired me is how some people haven't gotten the virus just because they washed properly. It is very important to make sure you keep your hands clean during these times, that's why i want to help.

Describe your idea and functionality:

The idea and functionality of my computing submission is an app that once you activate it, every 20 to 30 minutes it will alert you to wash or sanitize your hands. You can choose a pop up picture, music or even a voice that says " reminder to wash your hands". My app will give many options to use to remind you to clean your hands. On computers you would receive a simple notification on the bottom right of the screen.

Team Members:

Links:

6th

COVID Aid

Himaani Pradeep

Schaghticoke Middle School

Community, Health, Vulnerable Populations

What problems are you trying to solve?

The problem I am trying to solve is to help the community by informing them about the availability of resources in the stores. I will also provide them with articles, audios and videos that will inform them about this pandemic.

What inspired you to address this problem?

People were going outside for resources to check for the availability of many resources. This app will show you where those items are, without unnecessarily traveling to stores. Also many people were going outside without taking the right procedures, making them extremely vulnerable to the corona virus. With the help of this app this will no longer happen.

Describe your idea and functionality:

This app will show the availability of resources in stores nearest to you by asking you your current location. It will give you notifications whenever an item that is essential for going outside is available at a store. It will also show you videos, audios and articles about the procedures to take when you go outside. This app will make sure that there is no unnecessary traveling and less vulnerability to the corona virus when you're outside.

Team Members:

Links:

6th

Corona Go!

Saket Reddy Aliminate

Engineering and Science University Magnet School (ESUMS)

Community, Education, Entertainment, Health

What problems are you trying to solve?

The problem that we are trying to solve is to encourage people to stay healthy and safe from the worldwide pandemic, "The Coronavirus."

What inspired you to address this problem?

We got inspired to address this problem because our group is seeing a tremendous drop in the population, which is a very bad thing for public health. Many jobs will be lost, and the economy will fall. There won't be enough people to take the place of the jobs that were already lost. That's why we have come up with the idea, "Corona Go!" Corona Go is an app that can start to encourage humans to go in the right path. This inspiration gave us an idea that can help our problem right now.

Describe your idea and functionality:

Our app "Corona Go!", is a technologically advanced system that not only shows a live count of the humans affected by the Corona, like Bing and Google, but it will also do a lot more. The app can entertain you with fun videos that are handpicked from video sharing apps all over the web, and those videos will teach you how to be safe from the pandemic and also a few that you can just sit back and enjoy with. It can also show the very recent news, with connections to grocery store apps that deliver to your doorstep. This app will be fully functional, and we hope that you all like the idea of the app.

Team Members:

Max Rader Rickey

Nivriith Ananthiyer

Parth Gokhale

Links:

6th

The Protector.

Kayson Maciel-Andrews

ESUMS

Health

What problems are you trying to solve?

The problem being addressed is that some COVID-19 masks will not fit some people and they will have difficulties putting on their masks when they could easily have a mask that fits them. It is also to get rid of the issue of COVID masks not being able to find a mask that fits the certain person. This could easily become a huge problem if it is not taken care of, and I want to at least try to solve it. My website could help people and if it can, I will try my very best to do what I can. This is why I am trying to solve this problem.

What inspired you to address this problem?

Something that inspired me to address this problem is that the coronavirus masks that my mom bought for us don't fit me at all. I always have difficulties putting the masks on and they always start falling off.

Describe your idea and functionality:

My idea is to let people know with this website that there is a coronavirus mask out there that will fit them and that it will keep them safe. The functionality is to create a website that will show people the size mask that will fit them and will keep them healthy. It is also that you will enter the website and you will choose the type of mask that you would like to create or see how much it would cost to buy one online.

Team Members:

Links:

6th

Hamster Ball Thing

Maruth Somalinga

ESUMS

Community, Education, Health, Vulnerable Populations

What problems are you trying to solve?

I am trying to solve not getting germs from covid 19 so we stay protected from it.

What inspired you to address this problem?

With everything that is going on right now and because there are so many people getting it right now and it is a crazy and scary time, But this idea might change it.

Describe your idea and functionality:

My idea is to make a human case like hamster ball. So when anyone touches someone it won't get them sick and it's airtight, so you are probably thinking how do they get air, there is an air tank in it. When you take it off you have to go somewhere where the germs will burn off then take it off.

Team Members:

Links:

6th

Corona Go!

Saket Aliminate

Engineering and Science University Magnet School (ESUMS)

Community, Education, Entertainment, Health

What problems are you trying to solve?

The problem that we are trying to solve is to encourage people to stay healthy and safe from the worldwide pandemic, "The Coronavirus" that is affecting us right now.

What inspired you to address this problem?

We got inspired to address this problem because our group is seeing a tremendous drop in the population, which is a very bad thing for public health. Many jobs will be lost, and the economy will fall. There won't be enough people to take the places of the jobs that were lost already lost. That's why we have come up with the idea, "Corona Go!" Corona Go is an app that can start to encourage humans to go in the right path that can stop the virus from spreading. This inspiration gave us an idea that can help our problem right now.

Describe your idea and functionality:

Our app, "Corona Go!," is a technologically advanced system that not only shows a live count of the humans affected by the Coronavirus, like Bing and Google, but it will also do a lot more. The app can entertain you with fun videos that are handpicked from video sharing sites from all over the web. Those videos will teach you how to be safe from the pandemic and also a few that you can just sit back and enjoy with. It can also show you the very recent news, with connections to grocery store apps that can deliver right to your doorstep. This app will be fully functional, and we hope that you all like the idea of the app.

Team Members:

Max Rickey

Nivriith Ananthiyer

Parth Gokhale

Links:

6th

Learn More About Covid - 19

Aditi Choudhary

Windermere Elementary School

Businesses, Community, Education, Entertainment, Health

What problems are you trying to solve?

I am trying to spread the awareness of the COVID-19 virus and how to stay safe from it.

What inspired you to address this problem?

I heard that not many people are following the guidelines to stay safe from this virus because they don't know how. For example, some people who don't have access to the news or social media, don't know about social distancing.

Describe your idea and functionality:

I created a website. My website was created using "Weebly.com". I added pages that include the impact on education, community and economy. Another thing that I added was how to stay safe from this virus and I also added a few facts and commonly asked questions about it. Finally, I added how to keep yourself busy during this hard time. To check out my website, please click on the link added below!

Team Members:

Links:

<https://learnaboutcovid-19.weebly.com>

6th

How Technology Can Help Social

Kaniyah Douglas

Engineering and Science University Magnet School

Entertainment

What problems are you trying to solve?

How to keep yourself busy during social distance by learning a new skill .

What inspired you to address this problem?

I was inspired myself because I know myself and a lot of others that are bored and have a hard time entertaining ourselves. I think I should learn a new hobby or some type of flip

Describe your idea and functionality:

I think that if everyone learns a new skill or expertise they will not be bored

Team Members:

Links:

6th

The Happiness Helper

Anna Burnham

Ashford School

Community, Entertainment, Health, Mental Health

What problems are you trying to solve?

I am trying to make people feel happy and good about themselves during Coronavirus. I want people to have positive self-esteem and have a place to go when they feel down.

What inspired you to address this problem?

I wanted to create a website and I have heard many people complain about Coronavirus and staying home. They may feel sad or they may be missing their friends and family so much.

Describe your idea and functionality:

My idea is a website called The Happiness Helper that makes people feel good with jokes, bible verses, positive quotes, and more. I would update it daily so that people could check-in. You can check it out for yourself. I actually used my website to help raise money and food for our Ashford Food Bank. I sent the link to the teachers at my school and my family members and set a date and time. I had a Drive-By Food Drive where people could drive up and drop off their donations. We collected over 500 food items and over \$450. This really helped my community because the Food Bank used to provide food to about 60 families and now they are providing food for over 100.

Team Members:

Links:

<https://annaburnham22.wixsite.com/website>

6th

Covid Control To The Homeless

Justin Trinidad

ΣSUMS

Community, Health, Vulnerable Populations

What problems are you trying to solve?

Minimizing/Controlling Covid infections to homeless population. There are a lot of homeless people around the community and they are so vulnerable in contacting the Coronavirus, as they do not have any means of taking care of themselves or have not being given proper information and communication in regards to the virus.

What inspired you to address this problem?

When we go to cities, I see a lot of homeless people on the streets. They do not have food, they do not have water, and more shops are closed down because of the Coronavirus. We need more attention on homeless people and give them what they need. Their basic needs need to be addressed. Aside from food, their health must also be taken into account. Although homelessness has declined, surveys says there had been around 3000 homeless people in Connecticut. This staggering number, without their full knowledge of the pandemic, can create a disaster in spreading the disease.

Describe your idea and functionality:

Homeless people are most vulnerable in contracting the disease because of their social conditions. They do not have the proper shelter during the hot summer days or during the blistering cold winter nights. These greatly affect their well-being and their immunity is also compromised. Giving them the necessary information about this disease would greatly affect their knowledge and understanding about what is currently happening in the world. Gather them and provide them with temporary shelter where they could be housed during this pandemic. This contributes in controlling the spread of the virus. In the shelter, they should be provided with proper food and clothing, educate them about virus control and address the problem about their drinking and drug addiction, if there's any. Offer them long term rehab for a full recovery. And informing them that a healthy, well-being can definitely fight against the virus. Increase the government budget for them.

Team Members:

Links:

6th

Keeping it Safe

Izzabella Vargas

May V. Carrigan

Health

What problems are you trying to solve?

I want to create this so people can find out about what's happening during this pandemic and not worry too much about it. I also want people to know what to do during these difficult times and how to stay as safe as possible.

What inspired you to address this problem?

Some people can get really scared about the COVID-19 pandemic and end up not knowing what to do. I think that people should know what's happening out there. I want people to know how to stay safe right now, even during these times.

Describe your idea and functionality:

The main idea of this submission is to help people learn what is happening to help people know what is happening during this pandemic. People also need to know what to do to stay safe during the pandemic to try and prevent sickness.

Team Members:

Links:

6th

Epimedia

Amelia Tamborra-Walton

Engineering and Science University Magnet School

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

What problems are you trying to solve?

I am trying to solve the problem of people hearing false information and people not having enough information. I am also trying to solve the problem of kids not knowing what to do and parents unsure of how to teach. This also helps the vulnerable population to get groceries.

What inspired you to address this problem?

What inspired me was how many people a day said they were bored, and how many people said the work at school confuses them. Also, my parents don't want me on youtube, but that's where I learn arts and craft videos. This app will be kid-friendly and safe to roam.

Describe your idea and functionality:

This new app helps keep you informed about how to keep clean, safe, and knowledgeable about epidemics. The new app also informs you about the past epidemics and the future ones to come. The new app is called, "Epimedia." It also would have a full section about at home teaching and activities while locked up. Sewing tutorials for face masks, and how to 3D build. This app is kid-friendly and allows kids to explore the internet without the danger of being exposed to inappropriate content. Epimedia also supports local businesses and artists, or anyone who lost their jobs. It sells people's books, art, clothing, and much more. It also has doctors, biologists, and historians checking the facts before an article before publishing. Vulnerable populations can contact people for when they need groceries. Once this epidemic is over Epimedia will continue to thrive with kid-appropriate, to grown-up content about the world. Epimedia is a new way to learn, have fun, and explore.

Team Members:

Links:

6th

Covid Tracker.

Dylan Pocevic

ESUMS

Education, Health

What problems are you trying to solve?

The problem I am trying to solve with this idea is people being uneducated on the Coronavirus. I want this to be able to educate people about Covid-19.

What inspired you to address this problem?

What inspired me to address this problem is the people that think the Coronaviirus it's real. My hope is that if my idea was brought to life those people would realize that the Coronavirus is real. Also, I want people to understand how the Coronavirus is spread and how to avoid getting the virus.

Describe your idea and functionality:

My idea is a website that would be able to inform people on how the Coronavirus is spread, and how to help stop it from spreading by protecting yourself from it. Also, I would have a map showing where the Coronavirus has spread and also how many people it's infected around the world. I would also like to add an option to choose a place on earth and it would tell you how many people have been infected there.

Team Members:

Links:

6th

Smart Simulator

Ava Topliff

Captain Nathan Hale Middle School

Health

What problems are you trying to solve?

I am trying to inform others about the virus so it can help to defeat the spread of the disease. I am trying to encourage them to take precautions.

What inspired you to address this problem?

What inspired me to address this problem was so many people aren't knowledgeable about this virus and how bad it can be so if I were to inform them about the severity of it they would hopefully take certain measures to help defeat the spread of the disease.

Describe your idea and functionality:

My idea is an online simulator that people use and they are given situations to choose what to do and the simulator will tell you if you made the right choice or not and why. It will explain why you shouldn't have done that and how it could effect your health or others health. In between the scenarios it will give you valuable information you should know about the virus. After you made your choice it will either explain why it is right and how it will help stop the spread or it will describe to you other alternatives. This simulator will help people grow aware of the issue and what they need to do to stay safe. It will inform them about the virus and give them facts they may have not known, which will hopefully help the understand it more, causing them to want to do the right thing for their health. This will help them want to be careful/cautious about the decisions they make during this time, which will hopefully help defeat the spread of the disease.

Team Members:

Links:

6th

Check My Distance

Alisha Panchal

Engineering Science University Magnet School (ESUMS)

Health

What problems are you trying to solve?

Recently, I visited Walmart, Stop and Shop, and other grocery stores with my parents and observed many people struggling to maintain the social distance of 6-feet.

What inspired you to address this problem?

It was difficult to maintain the 6-feet distance, as we are not habitual to the requirement. This led me to think and design an app and a device that allows the user to maintain a 6-feet distance with other users while they are in public places.

Describe your idea and functionality:

Therefore, I suggest an idea to develop a device like a glowing wristband (glowing green or red) with a sensor that measures the 6-feet distance between other people's wristbands. They will also be an app that will operate alongside the wristband. The app will have the wristband settings and will provide the owner with statistics about their social distance. Everyone will wear this wristband in public places. The wristband will measure the 6-feet distance between people and turn red, beep, or vibrate if people are not 6-feet apart. Thus, we can combat the coronavirus and slow down the spread. I am excited to further research and investigate, design, and fabricate the device for the people of the United States of America.

Team Members:

Links:

6th

Helping Hand

Saida Hutchinson

ESUMS

Community, Health

What problems are you trying to solve?

I am trying to solve homeless people being neglected during Covid 19. I am trying to solve this because homeless people deserve to stay safe too.

What inspired you to address this problem?

Well, I have always had a soft spot for homeless people. It broke my heart when I saw them on the street, it made me want to give them all the money I earned. So when the covid 19 started, the pandemic sparked an idea

Describe your idea and functionality:

The Helping Hand gives the homeless food masks and shelter. If China can make a hospital in 10 day why can't America the Great make a place for them to live. The Helping Hand is not like a shelter because shelters have a limit to people who can live there, but the helping hand does not. No one will be neglected.

Team Members:

Links:

6th

Helping the Community

Aliah Abdus-Salaam

ESUMS

Community, Health

What problems are you trying to solve?

Starvation and getting more hand sanitizer, wipes, lysol spray, masks, etc.

What inspired you to address this problem?

Because there are billions of innocent, homeless and people with homes without these things are getting sick and dying. And people have no food to eat or drink.

Describe your idea and functionality:

My idea was to donate those items to people in need of them.

Team Members:

Links:

6th

CT Summons Spirit

Ritisha Unde

West Woods Upper Elementary School

Community, Entertainment

What problems are you trying to solve?

Many students are feeling disconnected from their community and experience a lack of school spirit ever since quarantine first started. This is especially true to the seniors and upper classman who are missing out on many important school events and sports meets. In an effort to bring back some of that school spirit, we thought of this idea.

What inspired you to address this problem?

Although we are not seniors, we are missing out on many sports and social events that were important to us. On social media, all we can see is what people lost during quarantine. We wanted to create something that would be remembered as a positive gain.

Describe your idea and functionality:

Our idea is to create a website that offers healthy and fun initiatives to summon school spirit. The website will display possible challenges and how many students attempted this challenge. Across CT, all schools will enter in their division (based on grade level) and compete against other schools. These challenges will have a point system that will be given to the school that completed the challenge. The website will collect these points and display the top 5 schools on the leader board. Additionally, each week an exemplary student that completed a challenge in a unique way will be showcased on the front page. Everyone can participate at home to help their school win. Examples of challenges can be, reading a 500+ page book or helping an elderly citizen with grocery shopping. A video/written proof will need to be submitted with every challenge. This not only encourages healthy and fun behaviors but also fosters the community spirit in a time when we need it most.

Team Members:

Ishita Unde

Links:

6th

COVID Tracker

Simon Engerman

Esums

Health

What problems are you trying to solve?

When someone gets sick, they can often forget who they were close to. Some people could not know that they were in contact with someone that was sick.

What inspired you to address this problem?

I realized that our phones were already tracking us, and why not put that to good use. Every phone comes with Apple Maps or Google Maps already installed, so it could be an add-on to them that comes with the phones.

Describe your idea and functionality:

It would keep track of the people that you are close to for an amount of time. If you test positive, then it would flag to those people and ask them to get tested.

Team Members:

Links:

6th

To Be With Others

Joshua Romero

Engineering and Science University Magnet School (ESUMS)

Vulnerable Populations

What problems are you trying to solve?

I want to make an App for people with disabilities, so they can communicate with other people in their community.

What inspired you to address this problem?

People with disabilities are sometimes lonely, and should be able to have a chance at having fun! They should be able to live their lives just like we do to interact and bond with others.

Describe your idea and functionality:

It is an App that meets the special needs of people with disabilities, and allows them to connect with other people while gaining important information about the Covid-19 Virus.

Team Members:

Links:

6th

StayInTouch

Aurora Chevalier

Engineering Science University Magnet School (ESUMS)

Entertainment, Peer connection

What problems are you trying to solve?

I am trying to solve the problem of the lack of entertainment, information and friend contact due to Covid-19.

What inspired you to address this problem?

What inspired me to address this problem is that I realized that we don't get to hang out with friends anymore. This app will help us all connect. We can't see each other physically right now, but this can keep us connected.

Describe your idea and functionality:

The app that I am proposing is named "StayInTouch". This app is free because we are in this pandemic. Every week day there are new games posted, that you can play. They are related to Covid-19, but are very fun. There will be different types of games, such as games with levels, trivia and sports.

There will be Covid-19 warnings such as to stay 6 feet apart or to wear masks and gloves. Another part of this app is that there will be links to DIY mask-making videos, survivor stories and other positive news. There will only be information that either informs people about the virus or encourages people.

One last part of the app is that there will be options to play the games with other people. You will have an overall avatar that you use in each of the games. The character is customized by you and you can chat to your friends playing. All chats will be monitored so that no inappropriate messages go through.

Team Members:

Links:

6th

6 Feet

Madison Franklin

ESUMS

Community, Health

What problems are you trying to solve?

I am trying to help/solve people staying 6 feet from each other so people do not get sick and stay healthy.

What inspired you to address this problem?

I got inspired by people who think this is a joke and those people not staying 6 feet. They think since the state opened back up, they can party and do whatever they want.

Describe your idea and functionality:

People haven't been staying 6 feet and they have been going to the beaches and having parties but that's not being safe and they could get easily sick. So what my idea is to make an app which can measure how far away you have to be. It will also remind you if you are not 6 feet apart.

Team Members:

Links:

6th

Covid Checkin

Elena Cortes

Carrigan Intermediate School

Community, Education, Health, It will give information to people who want to know.

What problems are you trying to solve?

I am trying to solve the problem of when people are wondering about how many people have the virus, symptoms, have been tested, and have not been tested.

What inspired you to address this problem?

I was wondering about this and it gave me the idea to address this. One of my teachers told me and other students to do this survey and then I thought of this problem that I wanted to address.

Describe your idea and functionality:

I think that people can take a survey with questions asking them if they've been tested, have not been tested, have symptoms, have no symptoms, or if they have the virus. It would also ask where they have been, have they been around anyone, and more questions about where they've been and who they've been around. Any additional questions can be added for information. Then the information can be put into a chart and put into a website or app. Anyone should be able to access the website or app to learn more information.

Team Members:

Links:

6th

CoronaLoc

Priscilla Hossain

May V. Carrigan Intermediate School

Community, Health

What problems are you trying to solve?

I am trying to solve the problem that many people have. If people download this app, then they know where there are people with Corona virus or people who are testing for it and will be able to avoid them.

What inspired you to address this problem?

What inspired me to address this problem is the fact that millions of people are dying all around the world and there are people who still think that just because businesses are starting to reopen, it means that everything is normal and the problem is gone.

Describe your idea and functionality:

My idea is to make a map where if you have coronavirus or if you are testing for it then people will know and will be able to avoid you in order to stay safe. You would just have to download the app and then sign in to it. When you are signing in you would also get a question about whether or not you have COVID-19. You can also update your status later on, like such as if you are sick or if you are testing for the virus. Now people can stay safe and the person who is using the app is helping to keep others safe.

Team Members:

Links:

6th

Helping the state.

Grace Perez

CREC Montessori Magnet School

Community

What problems are you trying to solve?

In case a small business needs money or more people to help. .

What inspired you to address this problem?

We have a lot of small businesses where I live and I know that they need help because of all of this they aren't making a lot of money.

Describe your idea and functionality:

You can type what you need help on and someone will come out and help with what you need and once it's done you get paid off of some of the tips depending on how much you get.

Team Members:

Links:

6th

Homes for Homeless

Gretchen Goodrich-Gelarden

Leonard J. TYL Middle School

Education, Health, Vulnerable Populations

What problems are you trying to solve?

The lack of care, vulnerability to illnesses, lack of shelter and food for the homeless.

What inspired you to address this problem?

Me and my team mate were inspired by the sadness we felt whenever we saw a person holding a cardboard sign saying things like "homeless please help".

Describe your idea and functionality:

The app will show a page where you can describe what kind of situation you are in and what home would be good for you then it sends a notification to all others that have the app and can donate. The app will keep this notification out until enough money is raised. Next it will send a notification to the user and the user can choose to buy the house or keep the money for other essential items.

Team Members:

Alesha Chederquist

Links:

6th

Outdoor Sinks.

Tyler Morse

Engineering and Science University Magnet School

Health

What problems are you trying to solve?

I am try to solve the problem of people not being able to wash their hands when they are not home or inside a building.

What inspired you to address this problem?

I was inspired by some outdoor drinking fountains near a beach and some other places. I also was inspired a bit by things like fire hydrants and any other things outside that can dispense water.

Describe your idea and functionality:

They would be similar to fire hydrants and outdoor drinking fountains like I mentioned before. They would have soap and paper towel dispensers built-in so people cannot steal them. There will be shapes in a line, six feet apart painted on the ground in front of one of the sinks. The purpose for these is so people can stand on one of these shapes if they were waiting in line.

Team Members:

Links:

6th

Call to Stop Corona

Emerson Melquist

Marlborough Elementary School

Education

What problems are you trying to solve?

The problem we are trying to solve is that people aren't exactly taking proper health precautions to stay safe and we want to help them know what to do to stay safe and healthy.

What inspired you to address this problem?

In these terrible times it's important to know how to stay happy and healthy as well as safe when going out to buy groceries and such. It's important to know what to do in these situations.

Describe your idea and functionality:

In our storyline, an owl is narrating the story of how one choice can save a life. In level one a monster named Covid attacks a town and you have to go around to everyone asking questions about COVID-19 solutions. In our storyline, an owl is narrating the story of how one choice can save a life. Or one monster named covid attacks a town and you have to go around to everyone asking questions about covid 19 solutions and precautions.

In level two, the child goes to a park and gives out masks and hand sanitizer to people while answering more questions about cover 19 as well as telling them how to take certain precautions to avoid getting sick.

In level III you have to make certain choices to make sure that people stay safe when going out. There will be 10 questions all basing around the same idea of staying safe while going out. But wait! The monster Covid is back! You need to stop him. How? You will have more choices of how to stop him. Woo hoo! You saved the town!

Team Members:

Reegan Panico

Links:

6th

Getting useful supplies to the sick.

Aliah Abdus-Salaam

ESUMS

Health

What problems are you trying to solve?

Homeless getting sick/dying, and the homeless starvation. Because I see a lot of homeless people outside or on highways asking for food and water. And it's easier for the homeless to get the virus because they have no masks, and no hand sanitizer, and no other ways to keep them from getting sick. And possibly dying.

What inspired you to address this problem?

Because sometimes, the shelters and other places don't have enough room for the homeless and starving people and we wanted to help them, since it's easier for them to get the virus.

Describe your idea and functionality:

My idea was to donate enough money so we could buy enough food, and supplies and give it out to homeless people in some cities in CT.

Team Members:

Links:

6th

COVID Trail

Neev Makin

West Woods

Community, Health

What problems are you trying to solve?

The app uses location services to help you become more aware of the Coronavirus and promote social distancing.

What inspired you to address this problem?

Most of the apps for COVID-19, like from Apple and Google, are using contact tracing automatically, and users may not like that due to privacy. I wanted to create a solution that respects privacy where individuals can decide when to share their COVID-19 status or location.

Describe your idea and functionality:

The app uses location services to help you become more aware of the Coronavirus. It informs you through the app if you visited a location where another user who has reported positive for COVID-19 within the app has visited. It allows you to Self-Inform if you have been tested positive for COVID-19 (Coronavirus). The app uses this information to notify other users of this app who may have visited the same locations as you in the last 24 hours. The location information is removed from the servers, within 48 hours.

Tracking your location and sharing your COVID test status will allow the app users to be more aware and will raise health & safety precautions to be used to prevent themselves and others from Coronavirus.

Sharing your COVID test status will be allocated to your unique and anonymous identity for all users and will be confidential. This app will be available on iOS and Android and in many languages uses Microsoft Azure.

Team Members:

Links:

<https://youtu.be/9pArGAadaoo>