

7th

CoronaCare

Meera Kannan

Timothy Edwards Middle School

Community, Health

What problems are you trying to solve?

We are trying to inform people about how to identify and avoid Corona and it's symptoms. We are also trying to help people receive the proper resources during a time where many stores lack health products and specific items. We also want to provide people with statistics about the number of Corona cases in their current area, so they can react accordingly.

What inspired you to address this problem?

We found that many people were unable to find reliable resources during this time of need. Due to this, they acted in an inappropriate manner that could put themselves and others at risk. This would be avoided if they were informed, but since there is so much information out there is not likely they could get it all. We wanted to consolidate all of this information into one app to make it easier for them to find and access.

Describe your idea and functionality:

See below.

Team Members:

Smriti Rajan

Jani Ganesh

Links:

https://docs.google.com/document/d/1ibLN_eVzlhRWsXBKWkKCo-f0ymPnatqxD6zfJn1dO4/edit?usp=sharing

<https://docs.google.com/presentation/d/1x5gsgP0lkx96YvqJ-FwiQcW2wg8eR-ubki-kftsqOLM/edit?usp=sharing>

7th

Covid-19 Fighting Virus Videogame

Sender Diaz-Juarez

Fair Haven School

Community, Education, Entertainment, Health

What problems are you trying to solve?

We wanted to create something fun and attractive to the young students that gives the message to them to follow all rules and recommendations to be safe at home. Just showing the rules was not enough. Something that they are playing with at all times are video games, so why don't make a video game? That is fun for them, and we insert messages every time they reach a goal. We address both goals with this.

What inspired you to address this problem?

All kids like action games, they are excited when they are on the right side. They always want to save the planet, the weak or the human kind from invaders. The same way that in WWII soldiers had playing cards with pictures with weapons or Nazi Leaders. With Covid-19 we wanted to spread recommendations to the kids in a way they received the information anyway (in a passive way). So a video game was a great option. And we presented the challenge to the students.

Describe your idea and functionality:

The idea is based on the challenge Scientist, Medical Doctors, Nurses, etc., are facing at Labs and Hospitals with Coronavirus. They are presented like a warrior that physically is fighting against a virus using a vaccine to stop the virus. This shows graphically, not only the hard fighting, but also the hope humankind has to find soon a vaccine that will stop the coronavirus forever!

Team Members:

Francisco Cajaraville-Bonilla

Links:

<https://youtu.be/uZNIHTeUNYY>

<https://scratch.mit.edu/projects/399700760/>

7th

CoronaCare

Meera Kannan

Timothy Edwards Middle School

Community, Health

What problems are you trying to solve?

We are trying to inform communities who do not have the proper information to help them during this pandemic. Many people do not have accurate/relevant information about COVID-19 and the situation around them, which could cause many problems in their day-to-day lives. If they aren't informed, they could unintentionally put themselves and others in danger.

What inspired you to address this problem?

We saw many people online and in public who were not reacting properly to the situation by either not wearing the proper equipment, breaking quarantine, or doing something else that would put their community in danger. We wanted to help inform these people so they could change their actions and keep the spread of the disease as low as possible. Due to this pandemic, many people have also found it hard to find sanitizing equipment and food in stores as people are stocking up on it and leaving none for the rest. We wanted to give people an easy way to find which stores have the things they need so they could be prepared.

Describe your idea and functionality:

Our submission is an app that can be downloaded on any smartphone. It is called CoronaCare and consists of three main sections: Health, Map, and Survey. The Health page has two sections. One page teaches users about the symptoms of Corona and how to prevent it, along with listing products that could be useful. The information will be directly linked to sources such as the CDC and WHO. The other page contains statistics about corona cases in any location. The app automatically updates when information changes. The map page shows the locations of stores nearby and their status. When you find what you need the app automatically links you directly to the store website where you can purchase it. The survey page has 10 questions. Once answered the app will give you an estimated percentage of the chance that you will get Corona. If in your location the situation changes, the information automatically updates and you get a notification. You can retake the survey if your situation changes.

Team Members:

Smriti Rajan

Jani Ganesh

Links:

<https://docs.google.com/presentation/d/1x5gsgP0lkx96YvqJ-FwiQcW2wg8eR-ubki-kftsqOLM/edit?usp=sharing>

7th

COVID-Tracker Connecticut

Adithya Anand

Timothy Edwards Middle School

Community, Health, Contact Tracing

What problems are you trying to solve?

When someone is diagnosed with COVID-19, it is unknown where and when they might have acquired the virus and who they might have passed it on to.

What inspired you to address this problem?

One of our neighbors had seemed to have caught COVID-19. The test results were negative, but they took a very long time to come. It was also unknown where she could have caught the virus. With COVID-Tracker Connecticut, the user can get almost immediate results which are also very accurate. It would even tell where they might have caught the virus and where they may have spread it. We then heard about contact tracing from the news and decided that is what our project should focus on.

Describe your idea and functionality:

COVID-Tracker Connecticut would track a person's position and upload the data to a database that can only be accessed by authorized CDC personnel. Users would get a pop-up message that says, "Your location will be tracked and uploaded to a CDC government database. This information will only be used to help defeat the spread of COVID-19." The app will ask questions about the age and if there are any pre-existing medical conditions of the user. It would also ask questions about if the user has any symptoms either every day. If the user does have COVID-19 it would try to make sure they can stay safe along with keeping others safe by giving them warnings on certain locations to avoid spreading or catching COVID-19. It would use this information to calculate the person's risk of going to certain i.e. shops, parks, etc. It would also use the information to calculate other people's risk of going to the mentioned places. It would also delete any information that is more than 14 days old.

Team Members:

Jason Thokchom

Links:

<https://www.wevideo.com/view/1728454863>

7th

COVID-19: The Facts

Malakhi Beyah

L.W. Beecher

Community, Education, Health, Vulnerable Populations

What problems are you trying to solve?

I hope to inform people about the facts and dangers of the novel coronavirus, and how they could be protected.

What inspired you to address this problem?

It's a sad fact that rumors are often false, and false information can spread panic. When people are informed, they know what (and what not) to fear.

Describe your idea and functionality:

My submission uses HTML and CSS to display a simple page with the facts about COVID-19. Just press RUN and enjoy the article!

Team Members:

Links:

<https://code.sololearn.com/WwQy7ZM8F0GX/#html>

7th

Helping Action's Make People's Day

Harshmit Verman

Avon Middle School

Community, Health, Vulnerable Populations

What problems are you trying to solve?

During the Covid-19 pandemic, elderly people are not able to obtain vital items, such as medication and food. People with respiratory illnesses are facing the same problem because they must take precautions, at fear of catching COVID-19. Front-line workers like doctors and nurses, who have contact with coronavirus patients are living apart from their families, to make sure they do not catch the disease, which adds a lot of pressure on their spouse, especially if they have children and/or pets. Also, students away from schools and universities have flexibility in their schedule, and they need opportunities to engage themselves.

What inspired you to address this problem?

My Mom pointed out that she rarely saw people under 25 with people above 65 unless they are family. I never really thought about this before, but when she told me her observation, I realized she was right. I realized that there is a division in society, between different age groups, and if they were to be united, strong, and everlasting relationships could be formed. Then on the news, I saw a woman expressing her gratitude, to her neighbors for walking her dogs, when her husband was tending to patients of COVID-19. To conclude, my Mom's observation and the women I saw on the news led to this idea that I can unite people by helping each other.

Describe your idea and functionality:

My plan is to create an application which would unite people and solve impediments during the COVID-19 pandemic. People will be grouped into two categories, the giver (volunteers) and acceptance (who need help) group. This application would bring both groups from the same demographic location. This would avoid unnecessary travel, build trust in local communities, and bring people together.

Functionality of Idea:

Users Need to Create an account and categorize themselves as "Acceptance Group" or "Giver Group"

Acceptance Group can select from lists of tasks, example:

- 1. Having groceries and medication delivered*
- 2. Dog walks*
- 3. Basic yard help*
- 4. Help with children for front-line workers*

This request would be posted for givers in the same town.

Giver Group has access to acceptance group posts from the same town. When they volunteer for a certain task, they will be sent the contact info of the person they are helping. Both groups would coordinate to set date and time.

Team Members:

Links:

<https://drive.google.com/file/d/1n05HMIWxUZfDQ6ukS9R3lcklTOQ4Oqal/view?usp=sharing>

7th

Lockdown Escape

Lila Gow

Cloonan Middle School

Entertainment, Health

What problems are you trying to solve?

I am trying to solve boredom of tweens, teens, and everyone of all ages. By creating a website specifically designed to give people, not just TV shows and movie recommendations, but also sports, cooking, baking, technology, drawing, etc. This is what I believe will help cure quarantine boredom.

What inspired you to address this problem?

Whenever I am bored during quarantine, I always looked up things to do. Whenever I looked up TV shows or movies to watch, there were always movies kids my age are not supposed to watch, and whenever I looked up things to do, it showed stuff for 6 year olds and under. I wanted to create a place where I, and others, can recommend things they like to do, and share them with other people.

Describe your idea and functionality:

My idea is to create a website to help people cure their boredom. On the website, I will create different sections for TV shows, movies, sports, cooking, baking, technology, etc. Whenever someone clicks on what they want to do, recommendations will appear and will hopefully give people ideas on what to do.

Team Members:

Links:

7th

Normal

Isabel Northrop

Leonard J. Tyl Middle School

Education, Entertainment

What problems are you trying to solve?

People feeling scared about COVID-19 so once this is over people won't be scared to be in public.

What inspired you to address this problem?

This challenge inspired me to help my community because when I FaceTime my friends they say that when COVID is down they are going to be scared to go in public so I wanted to create an app/website that would spread happiness.

Describe your idea and functionality:

My idea is that the app would have a lot of inspiring things, just a place where people could go and see what other people are doing to see if they want to do it and then people won't be so bored and sad. People could send in art that they made and they could send in what they built like a fort.

Team Members:

Links:

7th

Movie Theater Delivery

Jamison Winebrenner

Six to Six Magnet

Entertainment

What problems are you trying to solve?

People want to go see new movies but it's not safe right now to go sit in a crowded theater.

What inspired you to address this problem?

I miss seeing new movies and want to be able to watch them at home but still have movie snacks from the theater. This would provide entertainment for people who are stuck at home. This way people wouldn't have to go to the theater and risk spreading germs or getting sick.

Describe your idea and functionality:

My idea is an app, and website, where movies that are being released in the movie theater would be available to rent through the app/website. The app would have a feature where you would be able to order popcorn and snacks from the theater and have it delivered to your house. The app would partner with the people who made the movies and the owner of the movie theaters. While you purchase the movie stuff you can have the option to see the upcoming trailers. They could also deliver 3d glasses for 3d movies. While you purchase the movie stuff you can have the option to see the upcoming trailers.

Team Members:

Links:

7th

Non-Human Scanner

Daniel McCarthy

Madison Middle School

Stores

What problems are you trying to solve?

Essential workers having to risk themselves and others at checkout, when this happens people don't wear gloves to the store which can cause germs to get on the product which can spread to the checkout person.

What inspired you to address this problem?

When I was at Walgreens to get my brothers birthday card, I noticed there was someone at checkout, and whoever was buying an item were not keeping a safe distance.

Describe your idea and functionality:

It would work exactly like a metal detector, but what it would be searching for is a very tiny sticker unable to be peeled off, and when the detector reads the sticker, it would say to place your card somewhere, and when you place it there it would be sucked in to get read by the machine and would be sent out. After that, you would walk out and into your car to leave.

Team Members:

Links:

7th

How to Defeat COVID-19

Connor Lopez

Dodd Middle School

Community, Health, Vulnerable Populations

What problems are you trying to solve?

We are trying to take care of vulnerable populations and the communities that are struggling during these times.

What inspired you to address this problem?

I was inspired to address these problems because it's sad to see how many people are not getting the right treatment and are dying from this fatal illness.

Describe your idea and functionality:

My partner and I will create an organization where people could donate things to help vulnerable populations such as masks, food, and money. We will also make a web page on helpful tips to stay safe from COVID-19.

Team Members:

Ali Ahamed

Links:

7th

How to Defeat COVID-19

Ali Ahamed

Dodd Middle School

Community, Health, Vulnerable Populations

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Describe your idea and functionality:

My partner and I will create an organization where people could donate things to help vulnerable populations such as masks, food, and money. We will also make a web page on helpful tips to stay safe from the Coronavirus.

Team Members:

Connor Lopez

Links:

7th

Kids Ask About Coronavirus

Jack DeJoseph

Dodd Middle School

Education, Youth (3 - 12 years old) education

What problems are you trying to solve?

I am trying to solve the unawareness of today's youth. So many young children are scared and confused about COVID-19. My idea involves trying to educate young children about the Coronavirus, so they don't have to fear or question it as much.

What inspired you to address this problem?

I was inspired to address this problem because, on the news, I have seen special editions where kids submit their questions and get answers. I always thought there must be a lot of clips that were introduced, and only a few got selected. The kids who didn't get picked aren't only upset but still have unanswered questions. By making this website, everyone could get their questions answered in a simple and easy format and wording.

Describe your idea and functionality:

My idea is to have a website dedicated to children asking questions about COVID-19. When someone gets on the site, they will be shown a screen that says, "Ask a question" or "Receive an answer." The "Ask Question" section will give the user the ability to ask a question about COVID-19. This area will be dedicated to specific questions that may need more explanation. The idea would be that a specialist would respond to the question. The second section, titled "Receive an answer," would be dedicated to less broad questions. The idea would be that a kid would go on the website (with a guardian) click on the section and fill out the "survey." The survey would ask how old the child is, (to give a more appropriate answer) and what general question they have. These questions are much more general to answer. Once they fill in the survey with their question, they are shown a screen that shows the answer to their question. The answer to their question will be in words that they can understand.

Team Members:

Links:

7th

Take a Stand, Now.

Amy Niveló

Six To Six Magnet School

Community

What problems are you trying to solve?

I am trying to solve the fact that no one is staying inside. My paragraphs and posters will hopefully show people that they need to stay at home. That if they want to go out without a mask after this pandemic, that they need to take a stand now.

What inspired you to address this problem?

What inspired me was that my family and I were trying to go on a hike at a place here in Connecticut, and when we got there we were expecting no one to be there. We were wrong. Hundreds of people were in big groups with no masks on. At that moment I thought, that if people are so desperate for this pandemic to end, that they need to take a stand as well. That everyone needs to stay home and protect themselves, or else everything will get worse.

Describe your idea and functionality:

My idea is, that I will state why it is so important to stay home during this time. I will write paragraphs and add links so people who view my website will be able to click on those links and get more information. There will also be links in Spanish. I will possibly make posters and hang them in my neighborhood. I will try my best to convince my community to stay home.

Team Members:

Links:

7th

HobbyBuddies

Laasya Chintapalli

Academy of Aerospace and Engineering

Community, Education, Entertainment

What problems are you trying to solve?

People need a place to be able to connect with others and socialize despite this time of isolation.

What inspired you to address this problem?

As I was talking to my friends, I realized most of them, including me, were having trouble figuring out what to do with the extra time on their hands. For entertainment, many of them relied on online computer games or chatting for hours with friends on the phone. As I was talking to my parents about the dullness of the situation, we began to recognize that the boredom was a trend among many people. It was then that I understood social interaction was one of the bases of our community. When we lost this advantage of face-to-face interaction, it was a major change for many of us to handle. The solution would have to be a safe and creative way for communities to interact digitally.

Describe your idea and functionality:

My idea is to create a website, HobbyBuddies, where people could interact based on their interests, goals and ideas. The purpose of the website is for the user to find people who have a common passion so they could mingle remotely. During the pandemic, one recurrent problem in households is that people are feeling lonely or uneasy. Not everyone has someone to talk to or someone who shares the same interests. HobbyBuddies would give them a chance to find others who share the same interests. Not only would this help someone find a friend, but also help unheard voices speak up. It allows people to learn and teach each other. Having a helpful platform for the community would help us come together during this distant time. The website lets users create groups where events can be organized and subscribed to based on one's interest. The groups let people chat, video call and share resources and content. Currently, we need a way to connect, this website allows us to do this in a reliable way.

Team Members:

Links:

7th

Graduation for class of 2020

Cali Volpicelli

Madison Middle School

Community, Education

What problems are you trying to solve?

The fact that the kids may not be able to have a graduation and they have looked forward all these years and that may not happen unless we do it in a way that is safe

What inspired you to address this problem?

because graduation is the thing I'm looking forward to in 5 years and the fact that seniors now can't have graduation is sad because when they were small they looked forward to it like I am today

Describe your idea and functionality:

We need a computer app because we can get an app that allows us to spread people 6ft from one another and still be in a-z form for getting their award

Team Members:

Links:

7th

What To Do Now?

Yulin Du

Dodd Middle School

Community, Education

What problems are you trying to solve?

What to do over the summer with many summer programs cancelled. Many programs are now cancelled, or online, which can be hard for the people who planned to go to physical camps to play, learn sports, or others. Some may have moved online, but most are just not happening.

What inspired you to address this problem?

Being bored in quarantine. Finished with school assignments early, and having nothing to do. Just sitting and twiddling my thumbs doesn't help at all, so I want to help myself and others.

Describe your idea and functionality:

There could be a website, emailed to all parents and school children, that would outline the need to continue academic performance. It would include all basic subjects like math, English, Science, and Social Studies. It might also include robotics, STEAM, theater, Music and other extracurricular activities that are closed off now. Each little section will include links to websites to learn that section, or apps to download.

Team Members:

Links:

7th

Kicks For Covid

Jonathan Stekloff

Roger Ludlowe 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 where there was an amazing prize everyone wanted. This made them want to donate and raise money. There is probably not enough money being raised for COVID-19 relief programs, and we are trying to fix that via our idea.

Describe your idea and functionality:

We set up a website where we let people donate any amount of money to COVID-19 relief programs, but if they donate \$200 or more they will be gifted an exclusive COVID-19 shoe that is partially designed by my partner and I. We would link up with top name brands such as Nike or Adidas who would help us advertise the shoe to many, many people. We are trying to appeal to the massive group of people who collect shoes. With this, they can buy the shoe for a pretty normal price, while half of the money they pay goes to COVID-19 relief programs, and half goes to the shoe's manufacturer. This is all with the consent of the companies, of course.

Team Members:

Isaiah Turnipseed

Links:

7th

Boredom Bakes

Kailey Seals

Leonard J Tyl Middle School

Entertainment

What problems are you trying to solve?

The problem we are trying to solve is boredom, many people are stuck at home with nothing to do. Boredom is a major problem because it can make you upset if you are alone with nothing to do and also it can lead to anxiety or worse. Especially in these tough times, finding a fun thing to do can be a bit complicated. That is why you need Boredom Bakes! We are here creating this app to cure boredom with baking.

What inspired you to address this problem?

Our inspiration is we love baking, and enjoy doing it. During quarantine we've been noticing a lot of people have been baking, or cooking different foods. Many people do this since there isn't much to do, and we now have so much time to make several different creations. Also, eating the sweet treats is super fun and can lift our sad spirits in this hard time. Kailey recently made cake pops, Josie made sprinkle cookies, and Chris made brownies.

Describe your idea and functionality:

On our app we would have a home screen where there are recommended recipes for you. If you swipe over to your profile page you can see all of the pictures and videos of food you have made. You can message your friends and share your baked treats! If you swipe over again you can see the times that professional bakers will be having a live tutorial and what they will be making. They all will have a difficulty rating so you can see what you think is a good level for you. You can just get the recipes without going to the class to make sure you have all the ingredients. You can click on that selected baker and treat and you will automatically join the live stream. This will take you away from the stress of school, and your surroundings to have some fun.

Team Members:

Josephine English

Christopher Baukus

Links:

7th

Covid-19 Computing Challenge Entry

Connor Lopez

Dodd Middle School, Cheshire, Ct

Community, Health, Vulnerable Populations, Tips to stay safe

What problems are you trying to solve?

We are trying to help the community and vulnerable populations to stay safe and healthy during the worldwide pandemic.

What inspired you to address this problem?

Ali and I were inspired to address this problem because we felt bad for people who didn't have the resources or the knowledge to keep themselves safe during this worldwide pandemic.

Describe your idea and functionality:

Me and Ali had an idea to create a website where you can learn more about the virus, a hospitals nearby page, some donation links, and other useful information.

Team Members:

Ali Ahamed

Links:

7th

COVID-19 Computing Challenge Entry

Ali Ahamed

Dodd Middle School

Community, Health, Vulnerable Populations, Tips to stay safe

What problems are you trying to solve?

We are trying to help the community and vulnerable populations to stay safe and healthy during the worldwide pandemic.

What inspired you to address this problem?

Me and Connor were inspired to address this problem because we felt bad for the people who didnt have the resources or the knowledge to keep themselves safe from the Coronavirus.

Describe your idea and functionality:

Me and Connor had an idea to create a website where you can learn more about the virus, a hopsitals nearby page, some donation links, and other useful information.

Team Members:

Connor Lopez

Links:

7th

Need For Feed

Benjamin Lind

Walter C. Polson Middle School

Providing Food

What problems are you trying to solve?

The lack of food and basic resources that is a huge problem for many people within both our community and the country as a whole.

What inspired you to address this problem?

After hearing about the project, I and my teammates watched on television news about a story on how people are not getting enough food or cannot afford food because of rampant unemployment caused by the coronavirus. With a small grasp on the situation on the massive issue, I and my teammates decided to, at the very least, come up with a solution to at least help some people.

Describe your idea and functionality:

Need for Feed is a food delivery app that is either going to be free or have a low priced (\$1.50/month[approx.]) subscription. So how it works is that the person who needs food will place an order which will be sent out to any volunteers in the area. Volunteers can freely choose the orders they want and are responsible for adhering to the order and making accommodations for any allergies and other complications (these must be mentioned in the order, so food options must be flexible and easily interchangeable(such as sandwiches)). Food for orders will be obtained through donation drives and volunteers can also use their own ingredients (with permission from the recipient first to prevent any complications), but all expenses must be managed by the volunteers. Meals include simple foods that are easily interchangeable and healthy, here is a sample list (all meals include either a water bottle or carton of milk): Sandwich, salad, wraps, soup (canned or homemade), and other options.

Team Members:

Luke Jacobsen

Arda Hatiboglu

Anthony Rueda

Links:

7th

Animal Friends During Quarantine

Hannah Lambert

Leonard J. Tyl Middle School

Community, Entertainment, Health, Pets

What problems are you trying to solve?

We are trying to solve the problem of boredom during quarantine and also the problem of animals needing homes with people who will care for them.

What inspired you to address this problem?

We were inspired to address this problem because we both really love animals, and we think it is wrong for these amazing creatures to have to be on the streets, with no home, no one to care for them, and it is just wrong! We think people can do better and we are going to try and be those people that try and fix the problem instead of giving into it.

Describe your idea and functionality:

Our website will have two different sections, one will consist of different videos of animals doing what they do best! There will be all sorts of different videos to entertain people when they are bored or feeling sad and just need a laugh or to see an adorable face. The other part will be to help! This second side will have different varieties of animal shelters' contact information and people will be able to donate money or even supplies such as, food, treats beds, toys, blankets, etc. We humans are not the only ones going through this crisis, the animals are too and together we can all make it through. We ALL need to help as much as we can to get through these times, and the animals we all love are counting on us as we count on them.

Team Members:

Elyndil(Elyn) Patton

Links:

7th

How we can stop diseases.

Adam Quackenbush

Wintergreen Interdistrict Magnet School

Health

What problems are you trying to solve?

I am trying to solve the problem of diseases, because during this time a lot of people are sick and need help getting through this time of scariness.

What inspired you to address this problem?

The thing that inspired me was all the sick people i see that need help getting through this time. I also was inspired by all the kids that are getting sick and need help and are afraid of all this because they don't really know what is going on.

Describe your idea and functionality:

My idea is that I can help make cures for very bad diseases. I can also help talk to people about what they are going through. I can also help people overcome the issue they have. I can do a lot of stuff to help poor sick people who are confused about what is going on. I can help calm people down and tell them, its going to be OK.

Team Members:

Links:

7th

Dino and birds PSA about Covid - 19

Aaron Rios

Kelly Steam Magnet Middle School

Community, Health

What problems are you trying to solve?

Telling people to stay home to stop the spread of the Coronavirus since it's becoming a threat.

What inspired you to address this problem?

On the news it would tell people to stay home but I still noticed that some people would go out and that's a problem people shouldn't go out since the virus is dangerous and it's a problem if people are still going out.

Describe your idea and functionality:

I used scratch to make a PSA and it's short but i hope it does something.

Team Members:

Links:

7th

Controlling the Curve'

Siobhan Nunn

Six to Six Magnet School

Education, Health, Vulnerable Populations

What problems are you trying to solve?

I am trying to defeat the spread of the virus and to bring attention to vulnerable populations who are greatly affected.

What inspired you to address this problem?

I was inspired because I have 3 family members who are high-risk, and I've seen a lot of people not following protocol. I gave them the benefit of the doubt and said that they were misinformed/uneducated about the virus, so I thought of a way to help people socially distant for a reason.

Describe your idea and functionality:

My idea is an app that uses GPS technology to track when you leave your house and where you go. When it senses you leaving the house, it'll send alerts and an alarm to wear a mask and to socially distance. While out in public, the app will continuously send alerts to socially distance, until it senses that you are home. Not only that, but it will send daily notifications of the number of deaths in your area and send you daily reasons to socially distance and stay home (for high-risk, for re-opening, etc...). This app will be free and available to everyone. All notifications and alarms will not be able to be disabled, as that defeats the entire purpose of the app.

Team Members:

Links:

7th

Where'd I go?

Aiden Padros

Schaghticoke Middle School

Community, Health, Vulnerable Populations

What problems are you trying to solve?

To help with sharing contact tracking for Covid19 exposure from diagnosed people.

What inspired you to address this problem?

My TAG class was given an assignment to come up with an app about Covid19. I hear in the news that the virus is contagious when people don't show symptoms so people can be exposed without knowing it for up to 14 days.

Describe your idea and functionality:

This cell phone app is a personal travel tracker for contact tracking of Covid19 exposure. It keeps a daily log of the user's location start and stop points greater than 5 min to avoid short stops and has optional manual entries. It has range of movement setting in the user profile for Home area location, so that it would only log travel outside an address and not include ranges like a mailbox. Private travel history logs are kept for 30 days and secured with password access.

If the user finds out that they have Covid19 they can share their travel log for 14 days from their first symptoms with a state/CDC website so contact tracking can be done to find out who may have been exposed to Covid19 from them. The site will update a map and data file in the app listing anonymous users diagnosed with Covid19 and where they had been with the date/time excluding Home locations. Users can check if they've been exposed by reviewing the map. This app can be used with any pandemic.

Team Members:

Links: