3rd

Crowd Check

Gia Lloyd

Stamford Charter School for Excellence

Community

What problems are you trying to solve?

In our communities, many of us have been staying at home for more than 2 months, due to Covid-19. Many people want to walk in parks, especially kids who want to play outside, and some people want to go to beaches and restaurants too. Adults and kids need to get some physical activities, fresh air, and the most important thing is to maintain a safe distance. Especially, kids need to get involved in outdoor activities because it is good for their mental and physical development. Many people in Stamford are not able to find out opening timings of restaurants, parks, and beaches and it is difficult to know about the number of people that are allowed, the crowd present in these places. People are also not sure of the parking spaces and whether the pets are allowed.

What inspired you to address this problem?

Every year during the summer I visited the parks and beaches around with my family and friends. Covid-19 undoubtedly has emerged as the biggest demon for human life. We now can say there was a Pre Covid-19 and Post Covid-19 stage. While the previous one was more of a free stage, the later stage includes more restrictions and safety guidelines. Along with being more careful, it has also added a new word in our vocabulary that is Social Distancing. Gradually, people have become more and more dependent on technology and adapting social distancing strategies. We want to move a little further and make an application which does not only helps us in the current situation but also in the future. This application will help us know the exact number of people who are currently present at any listed public place. This will help select the appropriate place with lesser crowds and the right time to visit. With time one will also be able to advance book their time and parking slots too.

Describe your idea and functionality:

Crowd Check App assists you in deciding whether a place is safe or not, to visit for you and your family. This app virtually visits and checks the crowd for you, so that you can decide without any hassle. Think of a place you want to go, enter the Pin code or the name of the city, select the place of choice from the list, and see the number of people present. The app gives clear, easy to understand numbers. We can keep track of the number of people present at a park, beach, or restaurant at a given time. A scanner must be installed at the entrance and the data about the number of people entering/leaving is sent to the app to keep track of the total number of people present. Someone can choose to visit a place by looking at the number of people present there at a time. Additionally, we will also include other important information like parking spaces, pets, and weather.

Team Members:

Neelav Sengupta, Anuhya Choudam, Tanishka Joshi

Links:

https://youtu.be/6_XA23MZcnw

3rd

The "Encouragement Button" App

Emma Kaprove

Windermere Elementary School

Community

What problems are you trying to solve?

I am trying to help lonely people not feel so lonely anymore and to give them something to do besides calling people and lay in bed.

What inspired you to address this problem?

I have been hearing that a lot of people feel sad or lonely at their houses. I want to help them feel better and not be so lonely anymore. I think sending them positive encouragement will help them be happier.

Describe your idea and functionality:

My idea is to create an app for people to be able to use when they feel lonely. They can use the app either to make a video call to a friend or family member, or they can press a button and receive positive feedback such as "You can do it" or "Keep going" or "Never give up." The words will be in a colorful speech bubble on the screen, and a picture of one of their family members or friends will pop up with it to make it seem like they are the ones talking. So whenever a person feels sad or lonely they can press the "Encouragement" button and they will get positive feedback from someone they know.

Team Members:

Links:

https://photos.app.goo.gl/a4FNFo6WASPkTfdHA

Online Library

Benjamin McVerry

East Haddam Elamentry School

Education

What problems are you trying to solve?

Problem: Kids who need new books and can not go to the school library. I want to check out physical not online books.

What inspired you to address this problem?

I love to read and I am running out of books to read and sometimes on my free time I like to read on my free time outside in my hammock. I like to read new books and some families can not afford them.

Describe your idea and functionality:

There is an app with the school library books and the teachers put them in bags so we can pick them up so kids have new books to read during the quarantine.

Team Members:

Links:

https://dogzone.jgregorymcverry.com/2020/my-covid-19-computing-project-video

COVID Combat VR

Joseph Peburn

Sherman School

Community, Education, Vulnerable Populations

What problems are you trying to solve?

I am trying to slow the spread of the virus by properly educating the community members on how the virus is spread.

What inspired you to address this problem?

People in our town, state, country, and around the world getting sick and dying. Try to educate the community on how to slow the spread of the virus and properly protect themselves.

Describe your idea and functionality:

My idea is to develop a fun and interactive virtual reality game. The object of the game is to gain as many points as possible. A player can gain points by the second by not getting infected. A player can get infected by coming into contact with an infected person or an infected surface. By maintaining a six-foot social distance, wearing a face mask, and washing hands properly they can avoid getting infected and gain points. If the player touches an infected surface but washes their hands properly before touching their face they will gain extra points. A player will not know which people or surfaces are infected. This game should educate people on how quickly the virus can spread and hopefully save lives.

Team Members:

Links:

3rd

VRShopping

Varan Tamilselvan

WPS

Businesses, Community, Entertainment, Health

What problems are you trying to solve?

Grocery shopping for elderly people and others who want the experience of going to a store, looking through the aisles and shop for their needs during COVID. Why do people still go to the store? They want to feel like they are in a store and walk through aisle by aisle.

What inspired you to address this problem?

Elderly people and others want to buy groceries at their favorite store at any time and at their convenience. By going to the store, they and store workers have to wear masks and sanitize their hands. People could touch items and put them back on the aisle. Not all items are available on the online app for the store.

Describe your idea and functionality:

VRShopping is a virtual reality for each store, like Big Y, that makes you feel like you are walking inside the store and you are picking the items from the aisle, you can walk through the store and point and pick items you want. When you scan your Big Y card, you have a robot picking up selected items from the aisles and putting it in a shopping cart. You are not going into the store. After check out, you can do curbside pick up that a robot with simple programming can deliver to the car.

Team Members:

Links:

https://youtu.be/IQFw079eXNg

3rd

WITT (WE IN THIS TOGETHER)

Madan St.Juste

Stamford Charter School for Excellence

Education

What problems are you trying to solve?

There is a virus going around the world called Covid-19. It is causing people to stay home and not have fun. It can spread by touching and not staying 6 feet apart. The symptoms can be a cough, shortness of breath, fever, chills, muscle pain, sore throat, and new loss of smell and taste. Information from the ongoing COVID-19 pandemic suggests that this virus is spreading more efficiently than Influenza but not has much as measles which is highly contagious. Kids cannot go to school and are forced to practice distant learning because of COVID-19, this virus currently does not have a vaccine. Thus, this can cause kids to go to school with the virus undetected and get Other Kids, teachers, and staff sick with the virus. We want to help to stop the spread and still learn in school.

What inspired you to address this problem?

1. Lots of kids miss playing with friends and teachers. They want to go back to school and have fun learning together.

2. The creation of this App is for making sure that your kid does not have any type of sickness.

3. The App collects the data, sends the data to the principal, teachers, and parents. It allows the parents to obtain the data to see if their child is sick. We want everybody to stay safe and still have fun.

Describe your idea and functionality:

The app WITT is designed to keep track of the students entering the school. A thermal scanner installed will help measure the temperature of the students entering the school building. The data is then sent to the app which notifies all the stakeholders on the updates of a student's health. A school administrator will be able to use the app to accept/deny permission for entry. This powerful health tool checks the student's temperature upon entering school for the day and prompts the door to open if a child is not sick. It lets the parents and/or guardians along with the school staff to work more closely together to manage kids healthcare, so we can live our best life. The W.I.T.T app makes it easy to receive live updates directly to parents and school staff both at home and on-the-go. The app also has other health tools like video tutorials on safe practices like washing hands. We need this great communication tool for our families and schools because We In This Together.

Team Members:

Jalen Juelz Tomlin

Links:

https://youtu.be/0Z2RvRlCTfk

3rd

A+ School: All in One

Donna Feser

Parker Farms

Education

What problems are you trying to solve?

Children missing the school environment while in quarantine, and there are no meeting websites just for schools.

What inspired you to address this problem?

My experience with distance learning: Every teacher had a different meeting schedule. For example, I have meetings on Monday and Friday, but my friend in another class has meetings every day. And, I don't like the feeling that I am being homeschooled, and not being taught by my teacher.

Describe your idea and functionality:

My idea is that your school can provide a laptop and a hotspot for you to connect your computer to it. Then, you open up a website/app, and as soon as you do, you're at school.

This would be a website only for schooling.

All of the tools you need to teach are installed: There would be a whiteboard for your teacher to draw things out. Your teacher would be able to hand out assignments, and you would be able to work on them and hand it in at the meeting, and they would be able to check your work and fix your mistakes by telling you what you did wrong.

You would be able to hear the morning announcements from your principal or teacher, and you would be able to go to "recess" where you could pick who you want to play with, and you could play games that are installed to it.

You could do the same thing with recess only lunch!

You can "pick" your table, then see who you're going to "sit" next to!

Cool!

Team Members:

Links:

https://youtu.be/a4eya9B8sJM

3rd

Challenge Game

Logan Bramhall

Sarah Noble Intermediate School

Education, Entertainment, Health

What problems are you trying to solve?

I am trying to solve the health concern. I want to help others stay healthy.

What inspired you to address this problem?

Due to COVID-19 I want others to be healthy. I don't want others to get COVID-19. So, this will help others be more healthy and keep them from getting sick.

Describe your idea and functionality:

To make an app that sends out challenges to make others healthy. They would submit a video of them doing the challenge and the best would be chosen to get a surprise or their video posted.

Team Members:

Links:

3rd

COVID-19 Reminder App

Carina Taylor

Sarah Noble Intermediate School

Education, Health

What problems are you trying to solve?

Helping people to remember to be safe, and provide information about safety and COVID-19.

What inspired you to address this problem?

COVID-19 is a dangerous virus, but sometimes my parents need to go to the grocery store, or other places, and I want to help keep them safe. The best way to stay safe is to remember to wash your hands and keep far enough away from other people.

Describe your idea and functionality:

My idea is for a phone app, that can be downloaded from the app store. The app can remind you to wash your hands often. The phone can also remind my parents to bring their face mask and hand sanitizer when they leave home. Some phones can even detect proximity, like airdrop, and could remind us to stay far enough away from each other to be safe.

Team Members:

Links:

3rd

COVID-19 Daily Facts For Kids

Audrey Psomas

Sarah Noble Intermediate School

Education

What problems are you trying to solve?

Helping kids learn facts about covid-19 in a fun way. This app will be a present to open with a surprise fact about COVID19. It will use kid friendly language and appropriate imagery to teach them about the virus and ways they can be safe.

What inspired you to address this problem?

I don't know much about COVID19 other then people are dying and 12,000 people in our own state have died. I can't understand a lot of what is said on the news.

Describe your idea and functionality:

My app will be an image of a present for kids to click on to see a daily fact about COVID19. The app will be planned for the next several months while we are at home.

Team Members:

Links:

3rd

Kids only playdate

Alaina Bastien

Northeast Academy Arts Magnet School

Entertainment

What problems are you trying to solve?

Not being able to play with freinds that you haven"t seen in a while like best friends.

What inspired you to address this problem?

Thinking of my freinds, like ones that I have not seen in months, like my best freinds, cousins and just ones that I see rarely, like pepole in other towns.

Describe your idea and functionality:

Kids can play virtaul games, catch up, or even just let them know somthing.

Team Members:

Links:

3rd

COVID Prevention

Alanis Sira

Sarah Noble Intermediate School

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

What problems are you trying to solve?

I am trying to solve how to help not spread the Cornavirus and what to do if you have it.

What inspired you to address this problem?

A YouTube video inspired me. Its about the stages of Cornavirus from when you be near an infected person to when you go to the hospital and survive or die from it.

Describe your idea and functionality:

I would like to make a website of what to do if you have the Cornavirus and how to help not spread it. My website will help people by letting them know what they need to know about the Cornavirus.

Team Members:

Links:

3rd

Covid-19 Calm Down

Aliah Sira

Sarah Noble Intermediate School

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

What problems are you trying to solve?

The fear and worrys about other people and loved ones. People are getting scared and getting out of there house to buy things. But you don't have to worry that much because all you gotta do is stay away from other people and wash your hands.

What inspired you to address this problem?

Two YouTube videos inspired me to help people calm down about the Coronavirus and other viruses that people are worried about. Here are the links: youtube.com/watch?v=GoXxmzKdick,and here is the second link: youtube.com/watch?v=VgBiPyirG-A

Describe your idea and functionality:

I want to show eveyone how to calm down about the cornavirus.

Team Members:

Links:

3rd

COVID-19 is changing our lives

Rosy Cassidy

Noah Wallace

Health

What problems are you trying to solve?

What started COVID-19, how to stop it, and what is making it spread........

What inspired you to address this problem?

My mom helps do coronavirus testing and sends hospitalis the results......

Describe your idea and functionality:

Finding ways to stop COVID-19.

Team Members:

Links:

3rd

Virtual Tag

Rowan Cotter

Sarah Noble Intermediate School

Entertainment, Health

What problems are you trying to solve?

Exercise for kids that will also give them social interaction and feel connected.

What inspired you to address this problem?

That I really miss playing with my friends outside and I am not allowed to go play with them. Playing with them is also good exercise and gave me a chance to interact with them socially in the past.

Describe your idea and functionality:

It would be an app that could go on your phone. The players would all log into the app and find a common playing space that would be the same size and the players pick a time for the game. They would use the GPS on the phone to make this happen. Then after we would go to the edge of the playing area and be spread out virtually. The app will choose who is "it" first. Then the person who is it will need to occupy the same space as another player to "tag" them. The player(s) who are "it" for the least during the time wins.

Team Members:

Links:

3rd

COVID-19 Helper

Ella Pedemonti

Windermere

Community, Entertainment, Health

What problems are you trying to solve?

I am trying to help everyone stay healthy and keep people entertained. I am trying to solve the problem of so many people getting sick. I am also going to keep people informed about COVID-19.

What inspired you to address this problem?

I knew that everyone needed help and I have a good idea to help them. A lot of people are scared that they're going to get COVID-19 so I thought it would be nice to try to help them by teaching them all the information about COVID-19 and teach them how to wash they're hands correctly.

Describe your idea and functionality:

My idea was to make a website that will tell you a lot of things such as how to make masks, information about COVID-19, how to wash your hands correctly and what to do when your bored at home.

Team Members:

Links:

3rd

Typing Challenge

Tyler Crisafi

East Haven Academy

Education

What problems are you trying to solve?

Helping kids learn to type better by letting everyone type sentences and learn were to put your fingers on the keyboard

What inspired you to address this problem?

Our teacher had us submit an idea for the challenge so this is my idea because we have computer class in school but now we are working at home.

Describe your idea and functionality:

Help with typing for schooling at home

Team Members:

Links:

3rd

One

Mikayla Airault

East Haven Academy

Health

What problems are you trying to solve?

A cure for COVID-19; because of infected people in the world, my family and I can't go out a lot.

What inspired you to address this problem?

I want to find a cure for COVID-19 because everyone is stuck at home all thanks to COVID -19. People all around the world are trying to find a cure and so far there is no cure...

Describe your idea and functionality:

Since the virus does not like vitamin C, the cure may be be all the stuff it does not like.

Team Members:

Links:

3rd

Educating Kids During COVID-19

Gianna Vijay

Windermere School

Education, Entertainment

What problems are you trying to solve?

We are trying to solve two problems. Kids' education during COVID-19 and ways kids can help others during this isolation time.

What inspired you to address this problem?

Kids are getting very little information on COVID-19 and they do not have an opportunity to connect with other kids and share their thoughts and ideas. This way kids can contribute to the community.

Describe your idea and functionality:

We are proposing a website/app for kids which has two functions. 1. Kid-friendly updates on COVID-19. 2.Ability to upload short videos to pass on the information .

Team Members:

Links:

3rd

COVID BANS

Mackenzie Cooper

Stadley Rough Elementary School

Education, Health, Vulnerable Populations

What problems are you trying to solve?

Containing the spread of the COVID virus in elementary schools by ensuring that students are following safety rules.

What inspired you to address this problem?

The time that we as students had to be in quarantine away from our friends and teachers was too long and difficult for us. We like to go to school to learn with our friends and enjoy seeing them and talking with them.

Describe your idea and functionality:

My idea is to have each student wear a band that can track their temperature, their social distance during the school day and have it reported back to school nurse, security or teacher. This band will be linked to a program enabling the school to track the data.

Team Members:

Jake Cooper

Links:

3rd

Smart Reminder

Anwesha Das

Windermere School

Education, Health

What problems are you trying to solve?

To help remind the kids the basic safety instructions and rules when they return to school. This will help the students be safe when in school.

What inspired you to address this problem?

I want to go to school and at the same time be safe too. This inspired me to make this app. It may be difficult for kids to remember all the time to keep 6 feet distance from one another, rub hands for 20 secs with soap, wearing mask, sanitizing hands and so on. So, this app will remind kids these things at certain times.

Describe your idea and functionality:

It will be an app to keep kids safe and remind us kids the basic instructions and rules to follow when we return to school. It will be like a smart watch, where there will be different options as mentioned below:

1.) If each kid needs to keep a distance of 6 feet then there will be a software to measure that distance. If kids are too close then an alarm will ring or a voice saying "Please keep distance" will be heard till we are a safe distance away.

2.) Another software will be a timer to measure 20 secs while we rub our hands with soap while washing hands to keep the virus away. We will just click that option on our smart watch and the timer will start and after 20 secs, and it will go off by itself so that we don't have to touch our watch again.

3.) There will be reminder every hour to check if we have our masks on if required, keeping a safe distance of 6 feet, no touching faces, and sanitizing our hands often; washing hands for 20 secs.

Team Members:

Links:

3rd

Help small businesses

Serenity Albizu -Sanchez

Sara Noble

Businesses

What problems are you trying to solve?

Getting people back to work so they can provide for the family and the kids can have a home and food

What inspired you to address this problem?

Seeing my family loose jobs and they are having a hard time with everything that is happening they dont know when they will be able to work and pay bills

Describe your idea and functionality:

My idea is to come up with a safe solution to get families backto work

Team Members:

Links:

3rd

Website/App

Jacob Planeta

Highland Elementary School

Vulnerable Populations

What problems are you trying to solve?

Getting the elderly groceries/supplies that can't get out or are afraid to. Since elderly are at higher risk for getting COVID-19 and having more severe symptoms I wanted to give them a way to get food and supplies without the worry of being out in public.

What inspired you to address this problem?

I thought it would be nice thing to do and have heard that elderly are often afraid to go out. My grandparents don't get out as often as they would like and sometimes my dad goes and gets them things so they don't have to make frequent trips to the store.

Describe your idea and functionality:

My idea is to set up a website or app where people that are willing to shop for the elderly while doing there own grocery shopping could sign up to do so. They would go into the website/app and select days of the week and times they were already shopping and are also willing to pick up somebody else's groceries. The elderly could then go into the website/app and see the people available in their area on the day they want groceries and upload their list to be picked up. The person would then shop for them and let them know when arriving at their home and leave groceries on their front steps. The payment would have to be done online and not be transmitted until person shopping upload the receipt for the groceries and the person receiving confirmed receiving them.

Team Members:

Links:

3rd

Mobile Library

Amelia Paula Santos

Elmer Thienes Mary Hall Elementary School

Education and Entertainment

What problems are you trying to solve?

Kids home and bored. I am to do something fun like going to the park

What inspired you to address this problem?

The love for reading and playing games so I think this will keep little and big kids happy and learning with family and playing together while they are in quarantine

Describe your idea and functionality:

An app called Mobile Library that parents can only download on their phones so they can order school books and fun board games for kids

Team Members:

Links:

3rd

C.l.a.s.s

Allan Massenberg

Windermere School Ellington, CT

Health

What problems are you trying to solve?

Getting people to stop protesting and getting people to stay home.

What inspired you to address this problem?

On the news, people were protesting for their jobs in large groups and that was a problem. People were not at home like they were supposed to be. That worried people. So I made this computing solution.

Describe your idea and functionality:

It has many different things to it such as getting to know the virus how to stop it, activities, and how it changes.

Team Members:

Links:

3rd

COVID-19 Tips

Henry Burnham

Ashford School

Health, stay safe

What problems are you trying to solve?

The problem I am trying to solve is people not being safe around other people during COVID-19.

What inspired you to address this problem?

I want other people to be healthy and not get COVOD-19. Because a lot of people are home on their computers; they might check out a website with information.

Describe your idea and functionality:

My submission is a website designed to provide people with information on how to stay safe. You can check it out below.

Team Members:

Links:

henryjamesburnham.wixsite.com/covid-19tips

3rd

Covid-19 Education

Brianna Duran

Sarah Noble Intermediate School

Education

What problems are you trying to solve?

I'm trying to solve the problem of people not following the rules that keep us safe.

What inspired you to address this problem?

From my house I saw the neighbors had a lot of people over and in their house without masks even though they are not supposed to meet up.

Describe your idea and functionality:

I want to tell the people who are breaking the rules to stop so we can stay safe from the virus.

Team Members:

Links:

3rd

Computer & Education

Jonh Pauta

Pembroke School

Businesses, Health, Vulnerable Populations

What problems are you trying to solve?

I think we all should have to work together to end this covid 19 so were back to normal.

What inspired you to address this problem?

What inspired me is what is been happening this past two months a lot of people dying and others getting sick and we have to stay home in this quarantine.

Describe your idea and functionality:

I would help people by feeling good

Team Members:

Links:

3rd

SeeYourself

Sanyu Medisetti

Windermere

Education, Health

What problems are you trying to solve?

I am proposing the idea for this app because I want more people to see what happens if they take more precautions. My app will provide information about how to keep friends and family safe, quarantining yourself, safety,etc. I think it will help more people realize how to keep you family safe.

What inspired you to address this problem?

I just randomly came up with my idea. I want to help keep people safe and I want them to learn how to keep themselves safe. If people don't take precautions they might get coronavirus.

Describe your idea and functionality:

There will be a section where it will provide information about corona and how to keep yourself safe. Also with your parents permission you can contact someone who may be in a hospital,retirement place or orphanage. First you fill out a file that asks some questions about you. Like what is your favorite food? Then you can pick someone to contact. You can text with him/her or call him/her. Then the other person fills out his/her question file. Then you can both call or text each other and fill out a file for both of you. Then you can both share what you have in common. Also, you can share facts about Corona,and how to keep yourself safe. I chose the name for my app See Yourself because it is like seeing a copy of yourself if the other person looks like you,and likes the same things as you. I want people to compare and contrast what the other person likes, and what they don't like. Also it is an opportunity to make a new friend.

Team Members:

Links:

3rd

EyeAmHealthy

Varan Tamilselvan

Windermere Elementary School

Health

What problems are you trying to solve?

I am trying to solve the problem of too much screen time .This causes eye strain and headaches. Because of COVID, we can not go to school and need to do everything on the Chromebook. We need more physical exercises to help our little eyes and do more breathing to help the lungs. We need to do the screen time to study, see our teachers and friends, but also take breaks from the computer screen on non wellness Wednesdays.

What inspired you to address this problem?

Mom says i spend too much time in front of the Chromebook screen. According to my doctor I am supposed to only see 2 hours of screen time. Due to COVID, i cannot go to school and have to keep social distance. i cant see my friends and need to do my HW on my chromebook. I am doing dry land exercises through zoom. I meet my friends through whatsapp or google meet. And i have to get some TV time too. I am a single child.Bored!

Describe your idea and functionality:

Tools for student health: I have started a health channel where i am posting videos on eye exercises , yoga, a mix of yoga and dry land exercises. This will be a daily routine for kids to follow, easy simple ones. The videos will have information on why that exercise is important. At the end of the daily routine in the morning, I will post the smoothie of the day by moms (spinach, beets and good stuff).

Team Members:

Links:

Covid Symptom Checker

Aarna Chittibomma

Windermere Elementary School

Community, Education, Health, Vulnerable Populations

What problems are you trying to solve?

I am thinking of an app that provides awareness about coronavirus and helps people not to panic.

What inspired you to address this problem?

The number of people getting sick and passing because of this virus made me worried and I wanted to do something to help bring awareness to people and started thinking of ideas even before this project came in.

Describe your idea and functionality:

Right now people are panicking about this mysterious virus that no one knows about and people are very worried. So, I am thinking of an app. Here's my idea. So, there will be a list of all the possible symptoms that you can get in the app. Then you select the symptoms that you have and press go. Then, it will tell you if it sounds like you have corona virus or not. If the app thinks you have coronavirus, it will send back a test kit to your home to do by yourself. If you need immediate attention the app will ask you if you want the app to call 911. If the app thinks you don't have coronavirus, then it will connect you to an online doctor who would recommend what medicine to take to feel better and comfortable. Also, because of panicking, there will be books and videos to learn more and know when to panic and when to not panic.

Team Members:

Links: