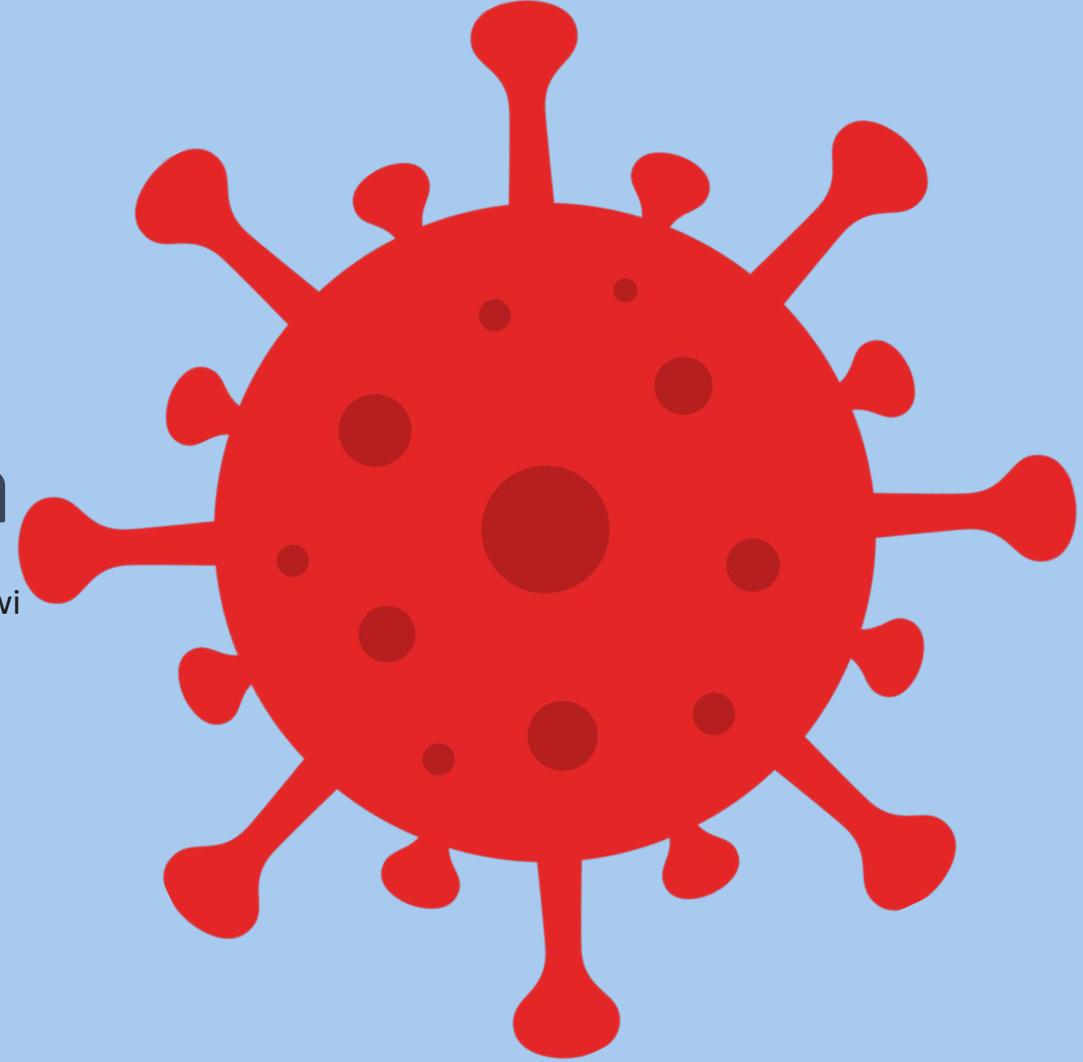


# CoVerify

## Check to See if a Website Has Reliable COVID-19 Information

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# Problem Approach Tasks and Heart-humanity (PATH)

## PROBLEM

The spread of disinformation and rise in number of cases

We believe these issues are directly correlated; people are believing the wrong information which contributes to the public health emergency

## APPROACH

We centered the app around the CDC website recommendations and designed an app that is user friendly and fun to use.

Previous lectures on Thunkable were used to develop code along with the FAQ section on Thunkable.

## TASKS

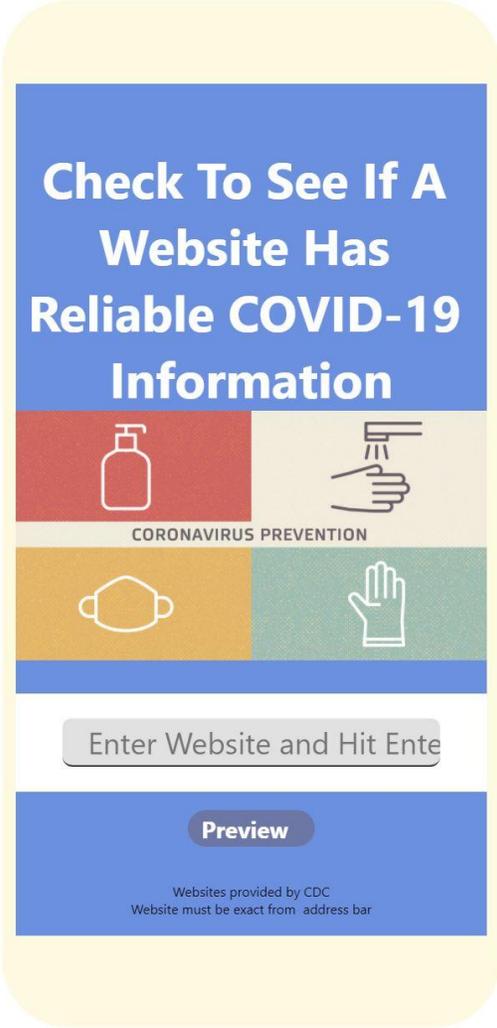
Everyone added their own design schemes to the app and each contributed different coding ideas to create a fully functional app.

## HEART-HUMANITY

How to incorporate effective aesthetics in the application, different coding techniques centered around lists, teamwork virtually

Anyone who has access to apps. The app is designed for ease-of-use so any age can use it.

# Project Details



The code is written in Scratch and is organized into three main sections:

- Initial Setup:** A "when Screen1 Opens" event triggers a "do" block that sets the source of "Sound1" to "CNN Student News Friday Song (BEST QUALITY).mp3", sets its volume to 5, and calls "Play" with an "error" output. A "then do" block contains a "when Play is done" event.
- Text Input Handling:** A "when Text\_Input1 Submit" event triggers a "do" block. It starts with an "if" block that checks if a list of URLs (including "https://www.fda.gov/", "https://www.cdc.gov/library/covid19/scienceupdat...", "https://www.cdc.gov/coronavirus/2019-nCoV/index...", "https://datascience.nih.gov/covid-19-open-access...", "https://www.google.com/covid19-map/", "https://precisionforcovid.org/", "https://www.ecdc.europa.eu/en/novel-coronavirus...", "http://www.chinacdc.cn/", "https://www.who.int/emergencies/diseases/novel-c...", "https://www.nih.gov/health-information/coronavirus", "https://covid19.census.gov/?", "https://blogs.loc.gov/law/2020/03/coronavirus-re...", and "https://pages.semanticscholar.org/coronavirus-re...") contains the text from "Text\_Input1". If true, it calls "Speak" on "Text\_To\_Speech1" with the text "That website is CDC recommended and safe to use", sets the screen background to green, and waits 4 seconds before setting the background to blue and clearing the text input. If false, it calls "Speak" with "According to the CDC, That website may not be re...", sets the background to red, and waits 4 seconds before setting the background to blue and clearing the text input.
- Button Click:** A "when Button1 Click" event triggers a "do" block that sets "Image1" visible to false, "Web\_Viewer1" visible to true, and sets its URL to the text from "Text\_Input1". It then calls "Forward" in "Web\_Viewer1", waits 10 seconds, sets "Web\_Viewer1" visible to false, "Image1" visible to true, and sets "Text\_Input1" to "Enter Website and Hit Ente".

# Project details

Moving forward, advertisement would be critical to the success and survival of the app. Should we be able to secure funding to purchase ad space on social media sites and apps, the hotspot of our target audience, then we believe that people would use the app as a quick way to check reliability of information without having to do any searching themselves.

Eventually with the support of new users we could branch off from COVID-19 and further develop the app to check for reliability on other topics, such as climate change, or to check political spin of a news source.

<https://x.thunkable.com/copy/cfbe98b9dca4e95d82b1d22b42c4c284>