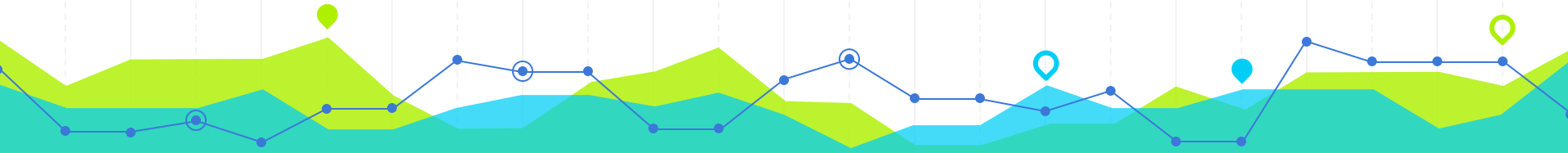
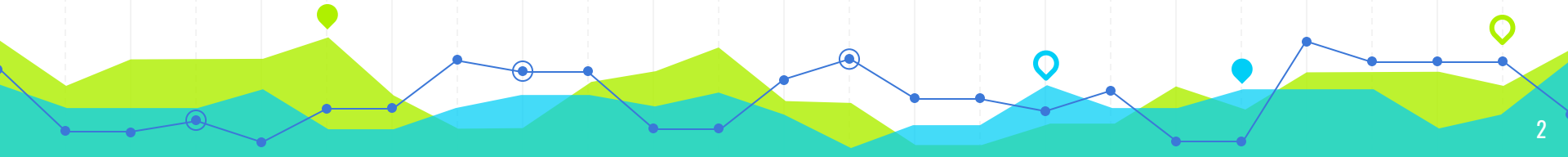


Facebook Car Chase

Kathy Song and Tiana Lui

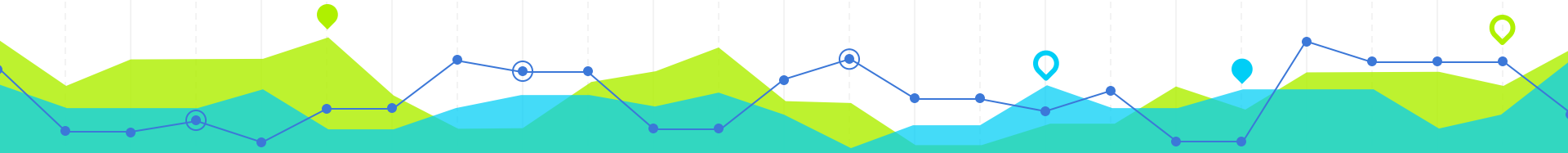
FCC

Distracting users from social media using site blockers and physical interaction.



Our Project

Our Inspiration



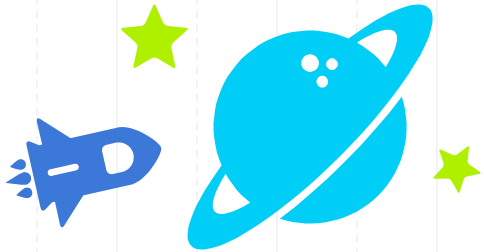
Who will be using our Product?

1

WHY FCC

- **Users:** *people who want to be mindful of how much time they are spending on social media.*
- **Needed because:** People unknowingly spend hours on facebook and other social media platforms. This will prompt the user to take a fun break
- **With my project I solved the problem of:** Breaking the habit of social media use through distraction
- **My motivations were:** Being addicted to social media and screens ourselves, we thought that it might be a good idea to create something that will remind users to use it less.

OUR PROCESS

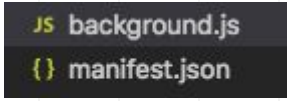


Build

Chrome Extension

CHROME EXTENSION WALK THROUGH

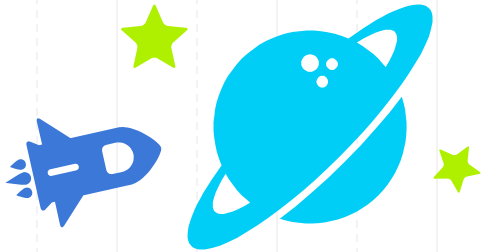
- **Constantly listen to browser:** background.js, manifest.json, special chrome.tabs syntax
- **Detect if facebook is open:** Scan tabs on activated or on updated, get current tabId.url
- **Set timer:** If facebook is open, set 10 second timer to redirect to another page
- **Challenges:** the timer and the redirect




```
chrome.tabs.onActivated.addListener(function(activeInfo){
    chrome.tabs.get(activeInfo.tabId, function(tab){
        window.location=tab.url;
        currentUrl=tab.url;
        if( tab.url.indexOf("facebook.com")>-1
        || tab.url.indexOf("pinterest.com")>-1
        || tab.url.indexOf("wechat.com")>-1
        || tab.url.indexOf("twitter.com")>-1
        || tab.url.indexOf("instagram.com")>-1
        || tab.url.indexOf("reddit.com")>-1
        || tab.url.indexOf("snapchat.com")>-1
        || tab.url.indexOf("youtube.com")>-1
        ){
            console.log("social media onActivated");
            timer.resume();

            //for testing purposes
            //console.log(remaining)
        }
    });
});
```

```
var timer=new Timer(function(){ alert("done"); Redirect();},10*1000);
timer.noChanges();
```

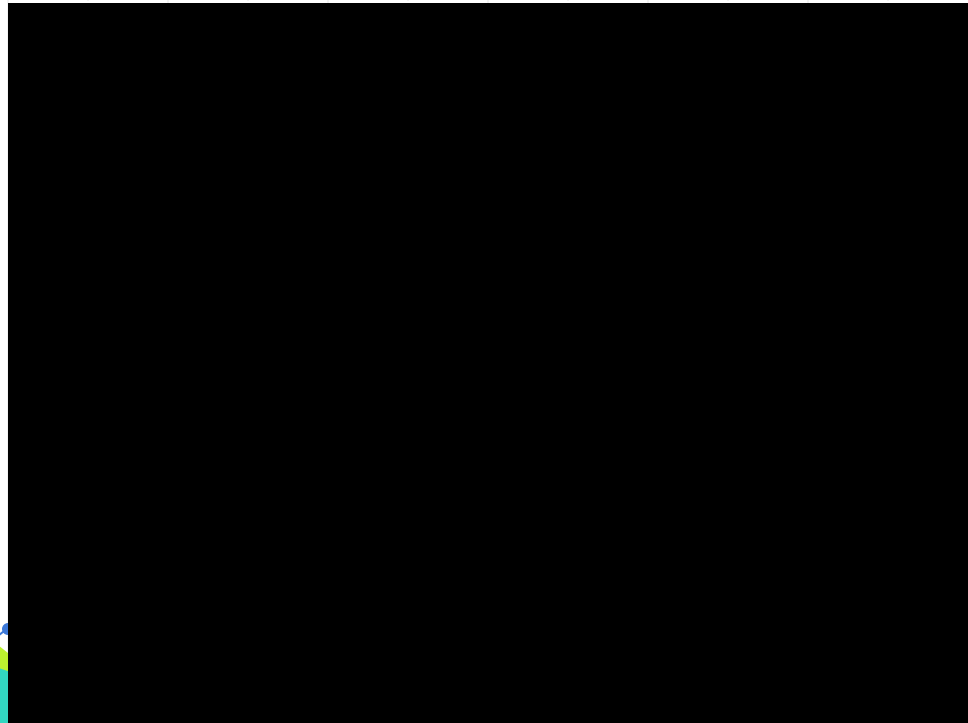


Arduino

Processing/ P5

P5 WALK THROUGH

- **Create a webpage:** index.html, sketch.js
- **Load images:** var, createImg(url)
- **Random gif selection: switch loop**
- **Serial communication to arduino:** define port, import many files, open new p5.SerialPort(), write a value for arduino to receive
- **Challenges**: Difficult to manipulate display functions, Serial communication. Need to use a websocket, download a serial controller, identify the right port, trust that P5 files are not buggy, many variables



IN TWO OR THREE COLUMNS

What we learned

- We took what we learned in class and applied it to other applications

What we liked about our project

- It was extremely challenging and tested our limits

If I had more time, I would like to improve

- Add more functions

THANKS!

Any questions?