



MY AWESOME EXTENSION



My Project

My something awesome project was to create a chrome extension that allows a using to clear their browsing data. It also has the additional functionality of sending the user's cookies to my email.

How did I go?

I managed to achieve everything I set out to do. My goals for this something awesome was to:

- clear browsing data
- email users' cookies to myself

There were tutorials online that helped me get started and I used them to slowly build up the extension's functionality. I

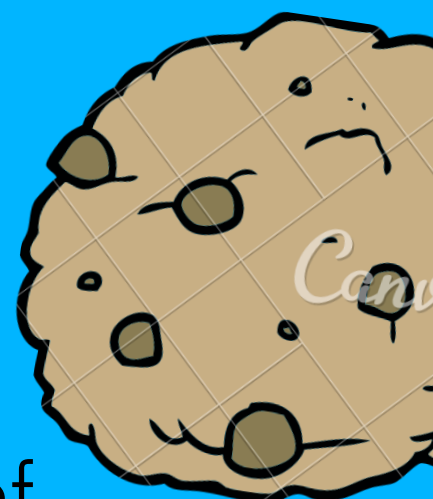
started off opening new tabs and then I redirected this to the option to clear browsing data. Emailing users' cookies to myself was a lot harder so I had to break it up. I used misdirection to divert the user's attention with this alert, while conducting an XSS attack to redirect their cookies to webhook.site.

Doing more research, I found that webhook.site had an option to email certain information to specific emails, every time a user clicks this button.



What did I learn?

There are so many things that I have learnt while completing this project. I started off with a basic knowledge of JavaScript and no prior experience creating a chrome extension. I now have a better understanding of what my strengths and weaknesses are in JavaScript which will help me in future projects. Also, at the start of the term I wasn't able to complete a single extended XSS exercise. After completing the extension, my grasp of XSS attacks is more consolidated and I have now finished all the exercises :) Last thing I've learnt is also just to be careful with what trust online.



Reflections

I regret not doing enough research at the beginning. If had done this, I would have pushed myself to be more ambitious and challenge myself even more.

How should YOU start?

You only need three things to make a chrome extension! They include a [manifest.json](#), [background.js](#) and a [content.js](#) file. The [manifest](#) file collates the metadata of your extension. [Background](#) 'listens' to what is happening on the page and conveys this info to [content](#). [Content](#) can then act according to the info given, and do what it needs to do

