CATCH. SOURCE. STYLE

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ELEVATOR PITCH

Looking for the colour palette of a photo?

Wondering how it looks with a font-family?

We've got you covered.

Add your headline sample text & add your paragraph sample text.

Now, just add your photo and...

...SEE IT ALL TOGETHER!

CONCEPT DESCRIPTION

By retrieving the Google Fonts families and storing into our page, we'd then enabled the user to type a sample text and select a font to see what it would look like as a Heading and a Paragraph.

The user then is also able to upload an image to the page and after the API picks up the primary colours of the image, the user is presented with the colour code to be used in their designs.

MOTIVATION FOR DEVELOPMENT

After finished the last project with the Weather Dashboard, the group had the idea of creating a tool that could be useful for Web Developers. Focusing on the available APIs we set out to create a tool for CSS styling seemed to be a great place to start.

USER STORY

- Fresh new Web Developer who is looking for colour palettes and fonts that work well together.

- I'd like to be able to use a single tool to see my colour palette with the available Google Fonts for my projects.

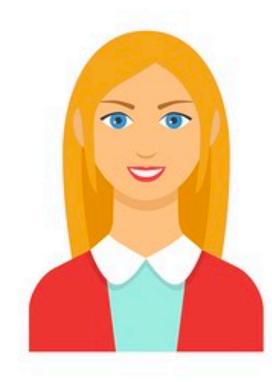- I'd like to be able to simply copy what I like to the clipboard.

BREAKDOWN OF TASKS AND ROLES

The team made the collective decision to use a self-managed agile team structure.

Originally the team was split into:

Front-End	Back-End
Ben	Michelle
Bella	Donald

After assessment, changed to:

Front-End	Back-End
Bella	Michelle
	Donald
	Ben

BACK-END

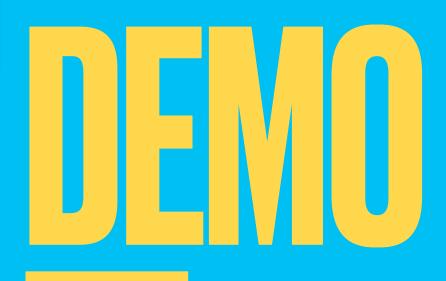| TECHNOLOGIES USED	CHALLENGES	SUCCESSES
JQuery JavaScript Base64 File Reader Google Fonts API Imagga API	Working through issues in developer mode was slow and time consuming. Steep learning curve in regard to learning new concepts and applying them to the skills and knowledge we already had. Working with branches and git and ensuring we all knew what we were working on to avoid merge errors. Maintaining a good amount of harmony and communication between everyone and putting each piece everyone was working on together to make a final product that's functionality is strong.	Auto-populating the ajax response of the Google Font api into the HTML so that any new font updates are automatically applied. Copying the font style to the clipboard. Uploading image files and encoding them into a base64 string Populating the image into the html Storing the image file in JSON local storage to be used for the imagga ajax call Storing styles in local storage, to allow the user to click on their saved ones which copies the CSS code for that font or the hexadecimal number for the colour. Used code found on StackOverflow to create a temporary div with the same text as what was clicked, then copies the text of the div to the clipboard and deletes the temporary div.

FRONT-END

TECHNOLOGIES USED	CHALLENGES	SUCCESSES
HTML CSS CSS Framework: Bulma	Having used Bootstrap since the beginning of the course, it was a challenge to work with smaller frameworks. First attempt was using Half-moon framework. We ended up not liking it for this project, scratched the initial design and re-wrote it using Bulma.	Bulma was somewhat familiar and we were able to achieve a design that we were happy with.

FUTURE DEVELOPMENT

Add a button that can provide a markup HTML and css page with the colours and fonts associated in a the css code.

Allow links to be used to get the colours from websites as well as photos

Allow users to use a website and get the font-families used in that website

LINKS

DEPLOYED:
HTTPS://BENCYNA.GITHUB.IO/CATCH-SOURCE-STYLE/

GITHUB REPO:
HTTPS://GITHUB.COM/BENCYNA/CATCH-SOURCE-STYLE

QUESTIONS?
THANK YOU!