

INDUSTRY HACKATHON STRAVAGANZA

Group 2 Presents:



Google Access

Unlocking Accessibility Across
the Google Suite of Products



Group Members



**Rebecca
Collins**

Web
Development



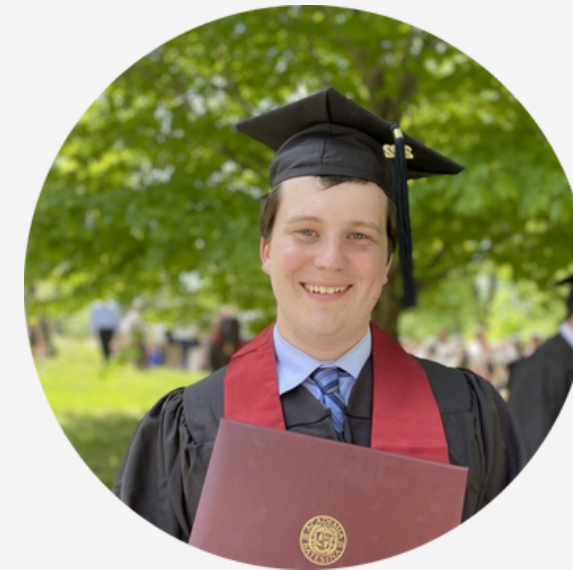
**Jack
Sprinkle**

Web
Development



**Duff
Isberg**

UX
Design



**Daniel
Logan**

Data
Science

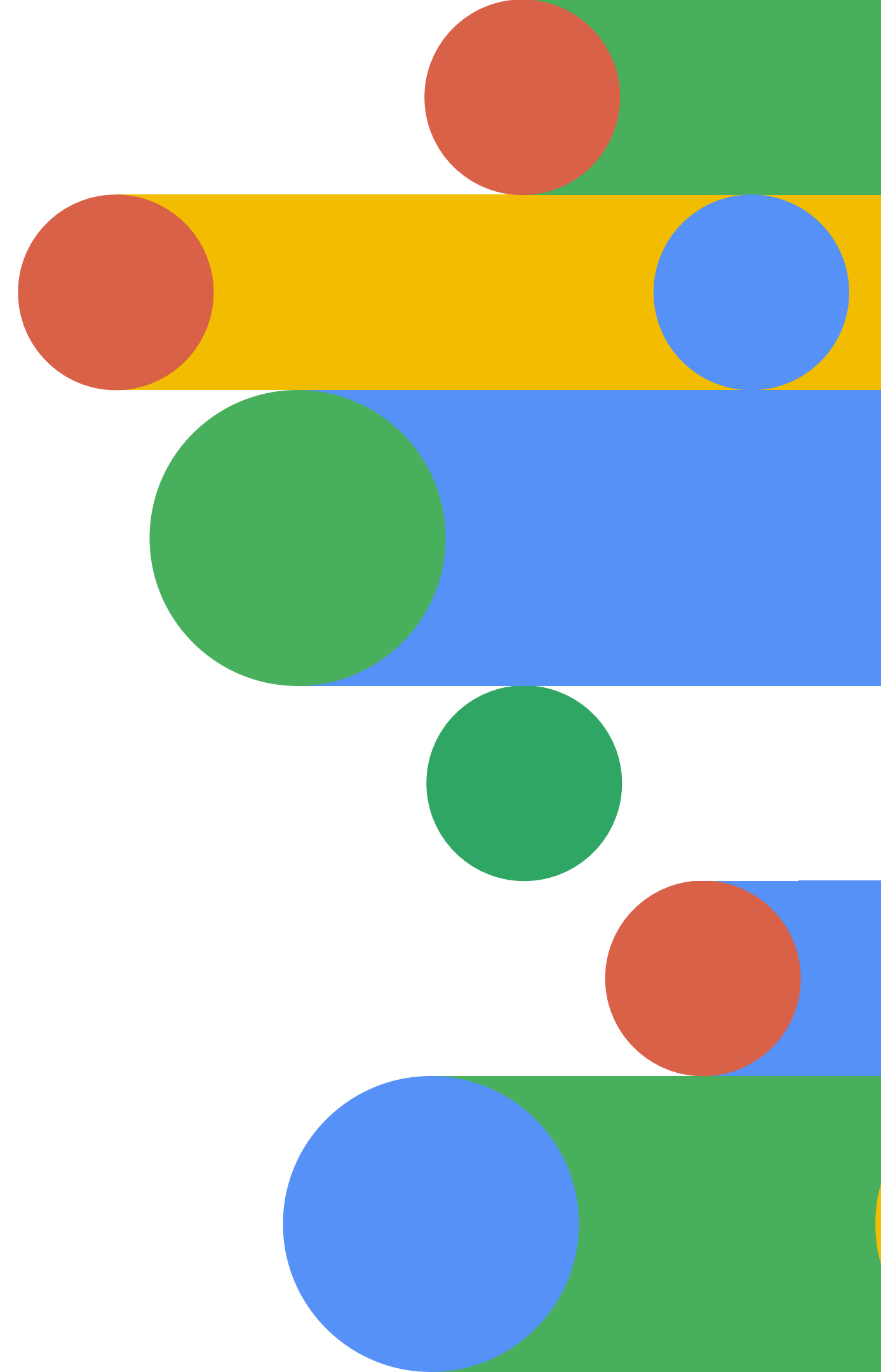


**Alan
Tweedley**

UX
Design

Content


- Initial Research
- Persona & Revised HMW
- G-Access Showcase
- Live React Demo
- Curated Data Display
- Key Learnings & Next Steps





Recap of Our Problem Space

How Might We...

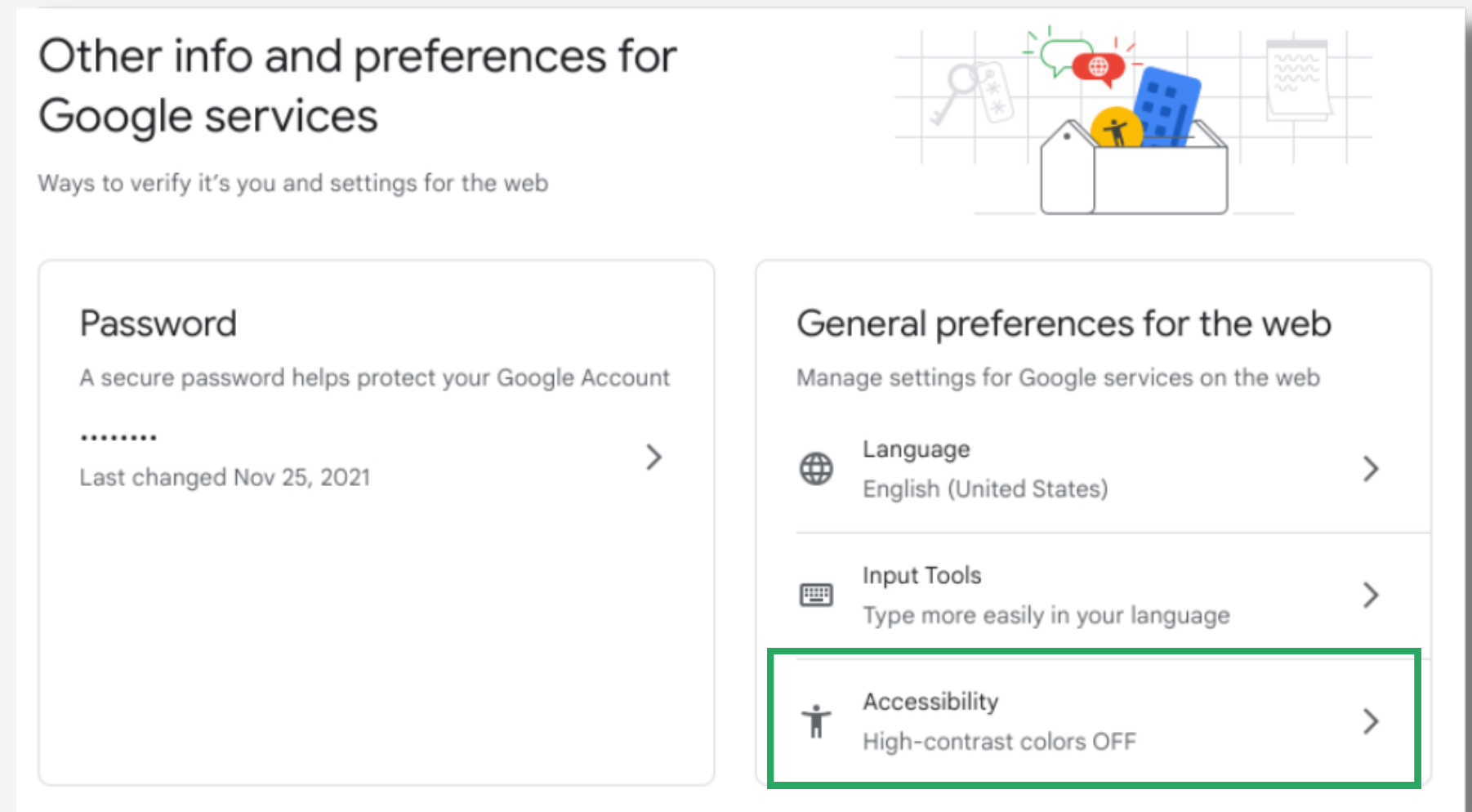


Leverage digital solutions to provide equal access for people with disabilities to resources and information?

Initial Research

Currently, the accessibility options that Google provides are limited in scope.

and tough to locate initially.



Other info and preferences for Google services

Ways to verify it's you and settings for the web

Password
A secure password helps protect your Google Account
.....
Last changed Nov 25, 2021

General preferences for the web
Manage settings for Google services on the web

- Language
English (United States)
- Input Tools
Type more easily in your language
- Accessibility**
High-contrast colors OFF



Initial Research

From there we started to think through the users point of view, and how they might feel when seeking out accessibility settings in their Google account.

This lead us to the development of our Proto-Persona...



Persona



Darren

34 years old
Toronto, Ontario

Freelance Graphic Designer

Pain Point

Having to go into each Google Product he uses to change accessibility settings like text size

Goal

Change his accessibility settings once, in one place, so he can have all his tools customized across Google

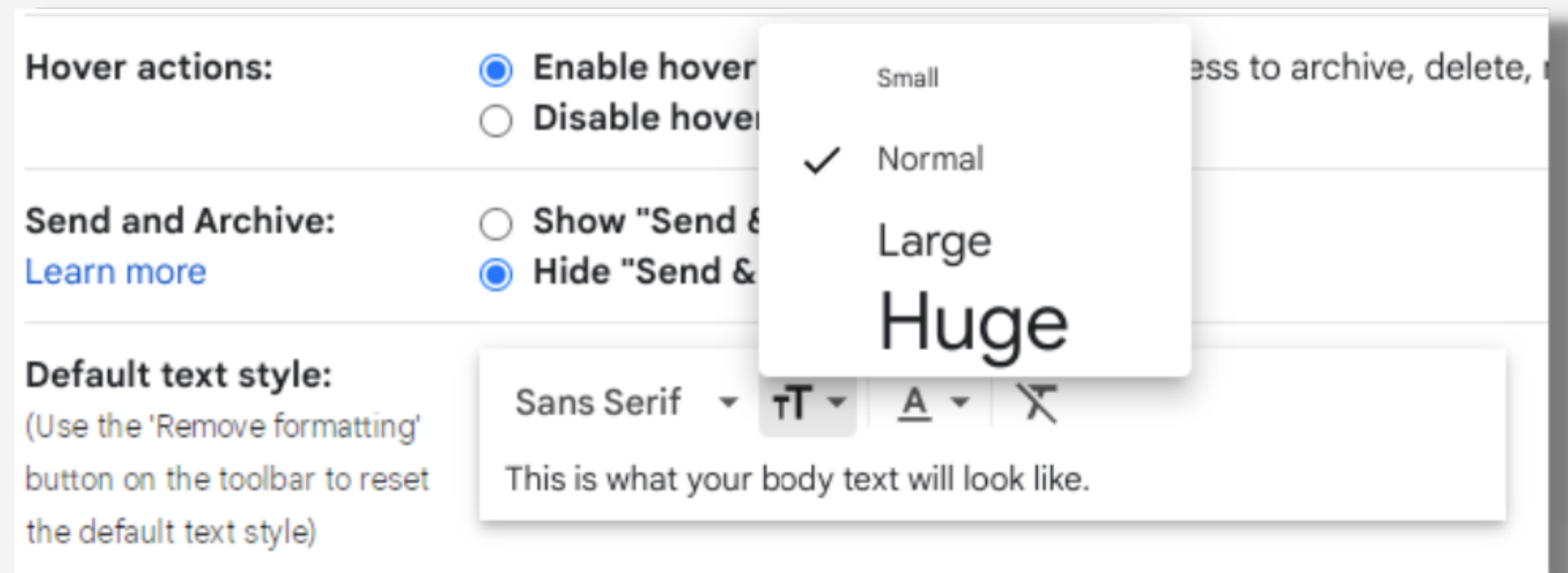
Revised How Might We

How Might We improve users access to the varied accessibility options they may need, so that all services Google provides can be more enjoyable and accessible to use.

Identifying the Current State

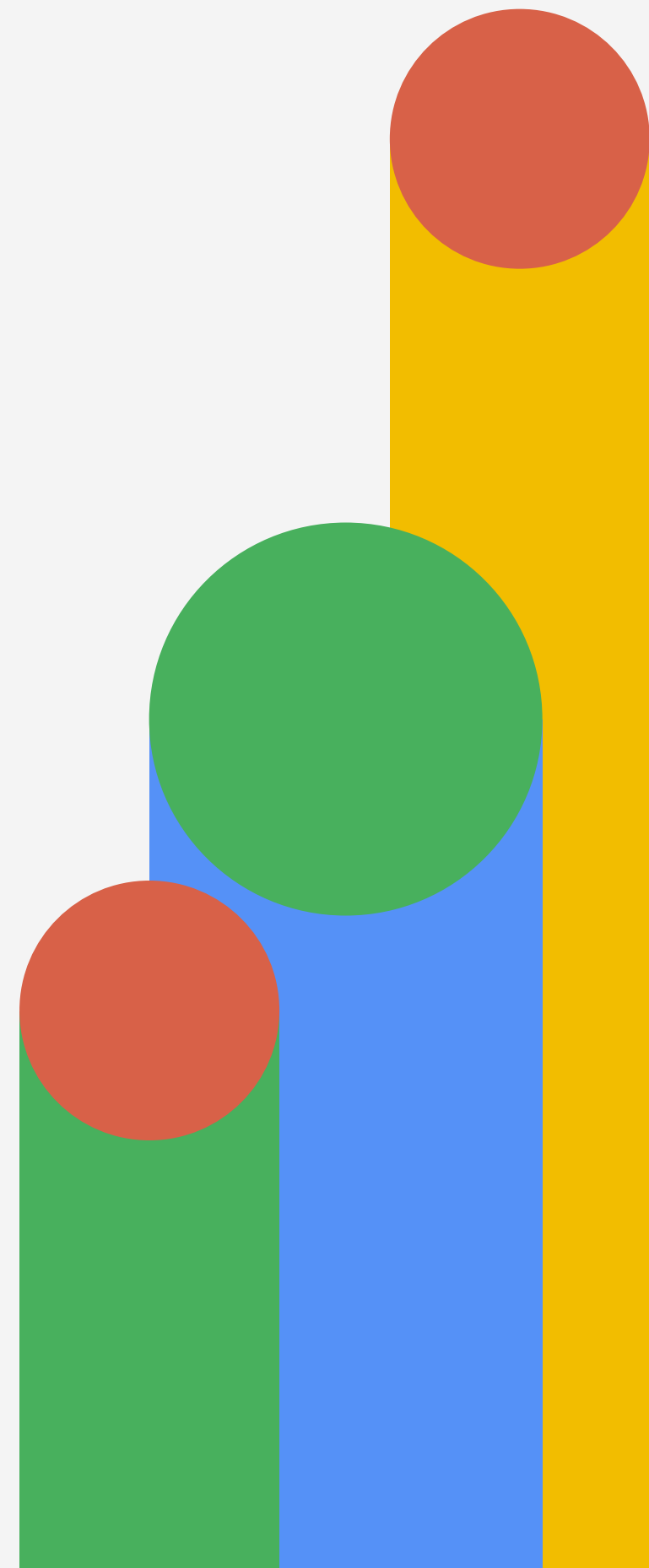
There are controls for accessibility inside individual Google products,

However they are separated and individually controlled





Google Access





Google Access

Google Access is a new accessibility system designed & developed to be applied across the entire Google Suite.



It's me!
Darren!



New Google Accessibility page within a user Profile

Google Account

Accessibility info

Info about you and your accessibility needs across Google services

Home
Personal Info
Accessibility
Data & privacy
Security
People & sharing
Payments & subscriptions

About

Your accessibility info in Google services

This page is your destination for all accessibility needs across all Google services. Accessibility profile info with your needs and settings stored in one place.

G-Access Toolbar

The G-Access toolbar enables accessibility tools across all Google services.

[Learn more](#)

Accessibility profile

Visual Clarity Color Blindness Hearing Assist Screen Reader

Accessibility info

No info here is visible to other people using Google services. [Learn more](#) [Edit](#)

ADHD	Screen Information Reduction	
Color Blindness	Red/Green Blindness - Color Contrast Setting: RG	
Deafness	Captions (for available audio): ON	
Screen Reader	TalkBack screenreader functionality enabled	

Looking for something else?

Search Google Account

[See help options](#)

[Send feedback](#)



Google Access

Users are provided with an expanded fully customizable accessibility profile.

Accessibility profile



Visual Clarity



Color Blindness



Hearing Assist



Screen Reader

Accessibility info

No info here is visible to other people using Google services. [Learn more](#)

[Edit](#)

ADHD

Screen Information Reduction



Color Blindness

Red/Green Blindness - Color Contrast Setting: RG



Deafness

Captions (for available audio): ON



Screen Reader

TalkBack screenreader functionality enabled





Google Access

G-Access Toolbar

The G-Access toolbar enables accessibility tools across all Google services.

[Learn more](#)



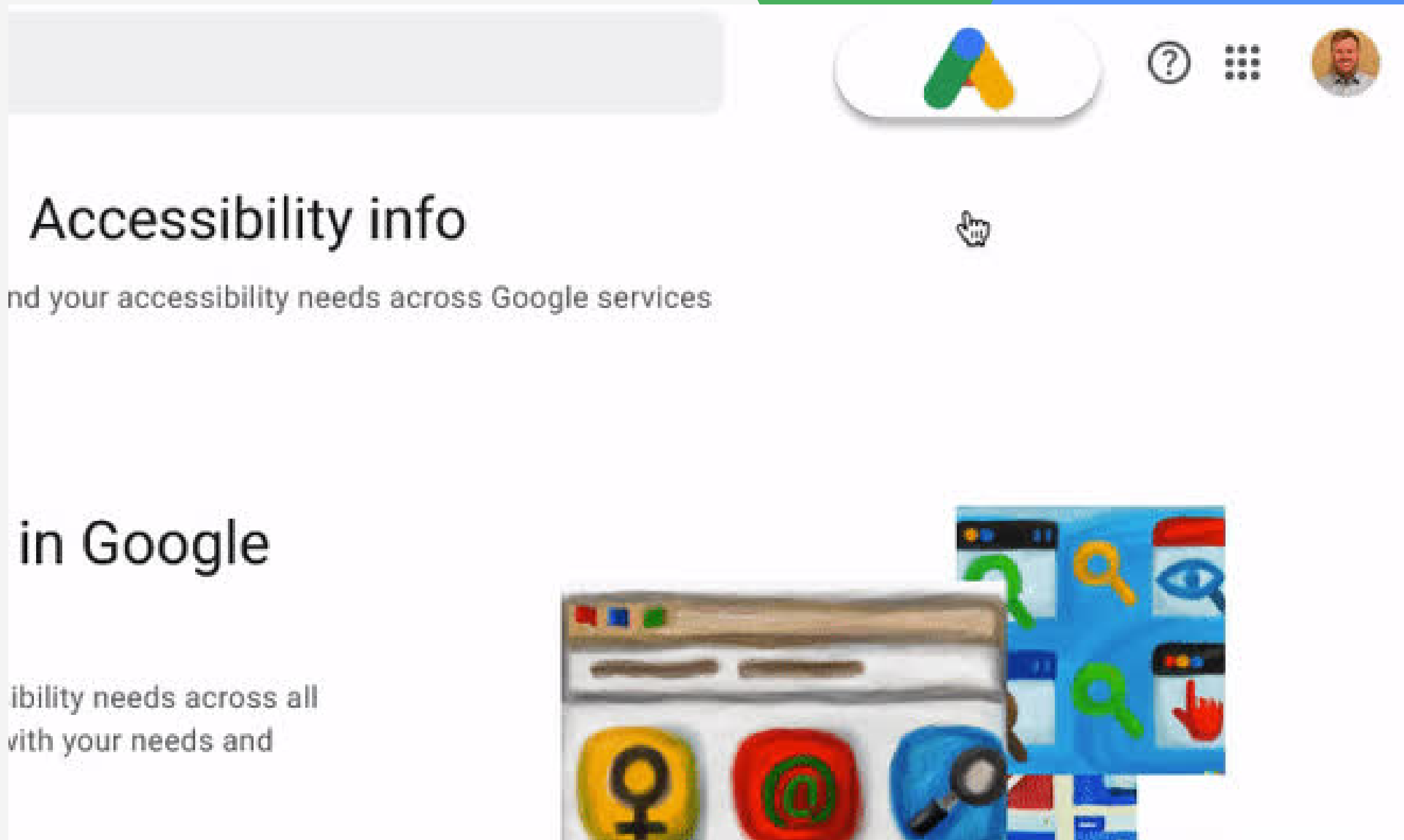
Persistent toolbar
appearing in Googles
header, giving all
accessibility tools to
the users





Google Access

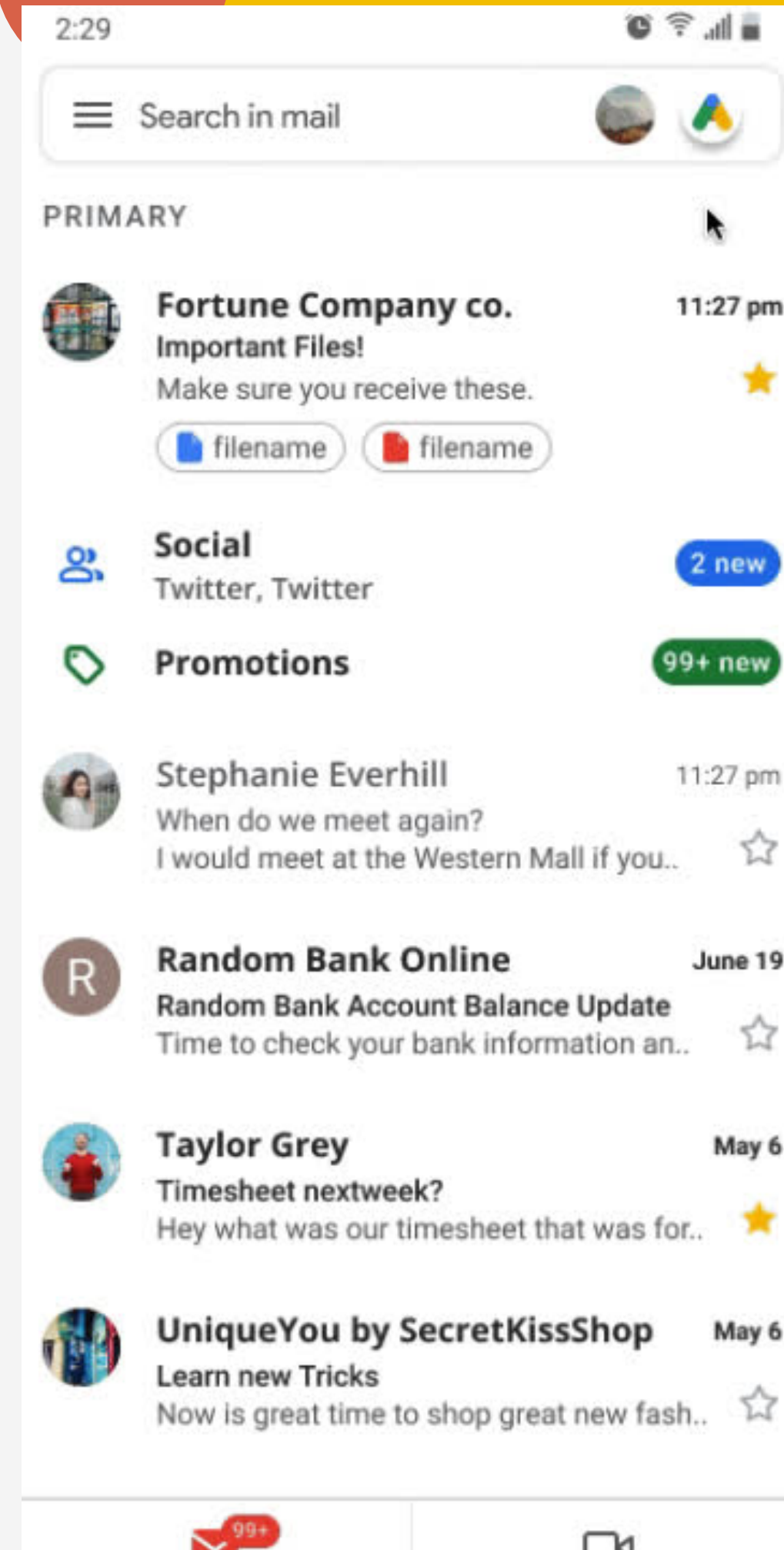
Fine tuned
accessibility
options on each
page within Google





Google Access

Tablet, Desktop & Mobile friendly





+ Accessibility Page
+ Live React Application Demo



Home

Personal info

Accessibility

Data & Privacy

Security

People & sharing

Payments and subscriptions

About

Accessibility Info

Info about you and your accessibility needs across Google services

Your accessibility info in Google services



This page is your destination for all accessibility needs across all Google services. Accessibility profile info with your needs and settings stored in one place.

G-Access Toolbar

The G-Access toolbar enables accessibility tools across all Google services.

[Learn more](#)



Accessibility profile



Screen Clarity



Color Blindness



Hearing Assist

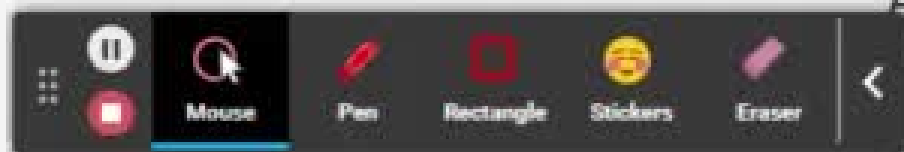


Screen Reader

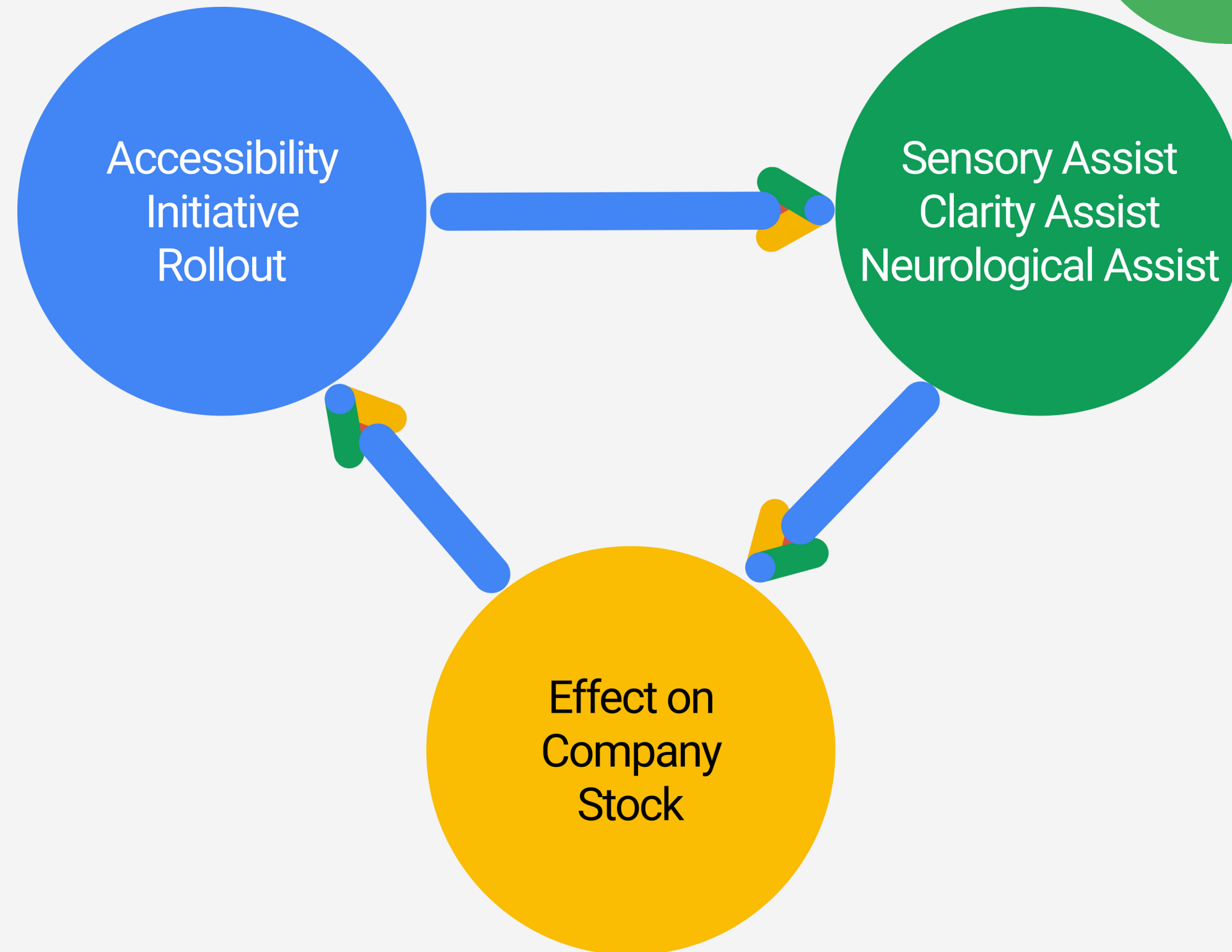
Accessibility info

Info here is visible to other people using Google services. [Learn more.](#)

[Edit](#)




Research Findings





Key Learnings

- Communication was key
 - How exciting a a problem space accessibility can be.
- 

Next Steps



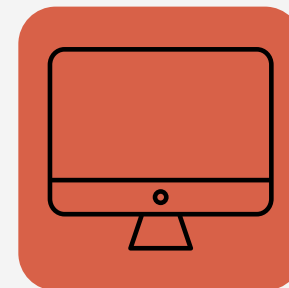
User Testing



Accessibility Evaluations



Heuristic Evaluations



**Meet with Google
Developers**



Launch!

INDUSTRY HACKATHON STRAVAGANZA

Group 2



Thanks Google!

