DiverseLink

A Browser Extension Built for Productivity and Accessibility



INTRODUCTION

Neurodivergent individuals face unique challenges when accessing and navigating online content due to insufficient customization options in web browsers.

Through in-depth research and user-centric design, we've created **DiverseLink**, a browser extension offering customizable features and settings to tailor **layouts**, **font size and styles**, **color schemes**, **noise reduction**, **distraction minimization**, **and more** to their needs.



METHODS OVERVIEW



Conducted a mixed survey of 16 multiple-choice and open-ended questions to gather insight into existing experiences when using web browsers as a neurodivergent individual

PERSONA

Developed a user persona based on the results of our user survey to gain a better understanding of our users' needs while completing tasks online

JOURNEY MAP

Created a journey map to visualize our users' experience across varying touchpoints during their time online to identify potential points of friction or delight



CONCEPT

Designed a conceptual model of our browser extension to address the most integral needs of our neurodivergent users found during earlier research



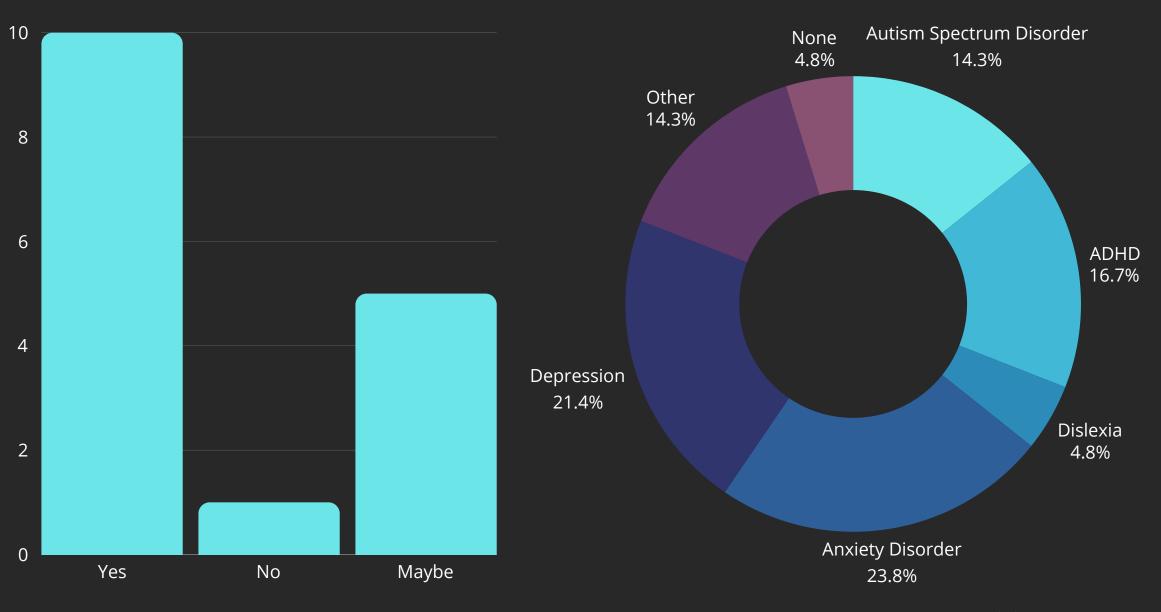
PROTOTYPE

Built low-fidelity and highfidelity prototypes to demonstrate the browser extension, identify areas of improvement, and ensure the final design aligned with the diverse needs of neurodivergent individuals

KEY SURVEY RESULTS

バイバイバイバイバイバイバイ

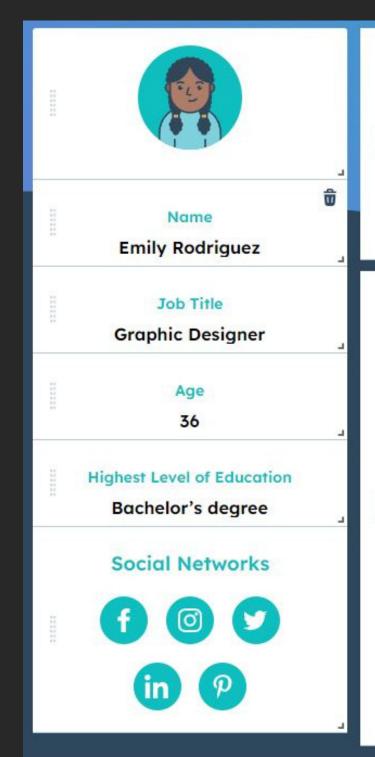
Participants (16)



Interested in Browser Extension

Neurodivergent Disorders (7)

PERSONA



Preferred Method of Communication

- Email
- Text Messaging
- Social Media

About

Emily is a 36-year-old graphic designer whose creative journey is fueled by the interplay of dyslexia and ADHD.

Diagnosed with these neurodivergent traits, Emily's design process is a fusion of imagination and adaptive problemsolving. Dyslexia may introduce unique challenges in reading and spelling, but Emily compensates with a keen eye for visual detail, turning each project into a work of art. With the power of hyperfocus, Emily navigates tight deadlines with creativity, transforming ideas into visually stunning realities.

Challenges

Emily tends to hyperfocus which can help produce high-quality work within tight deadlines, but she also tends to face burnout and overwhelmed feelings.

Emily also faces challenges with reading and writing due to her dyslexia and ADHD. She requires extra effort in tasks that involve reading and writing and uses assistive technologies for these processes.

Ideal Work Environment

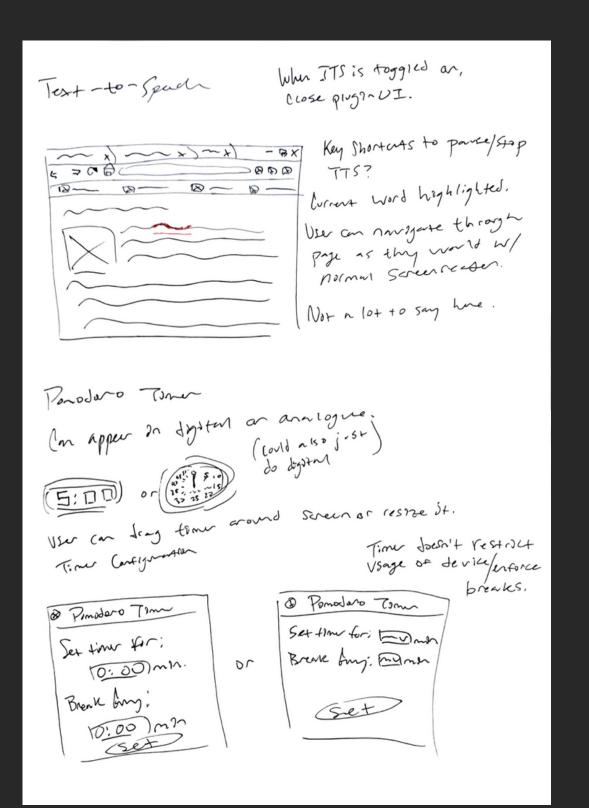
Dimly lit and organized spaces in an area with minimal distractions are ideal.

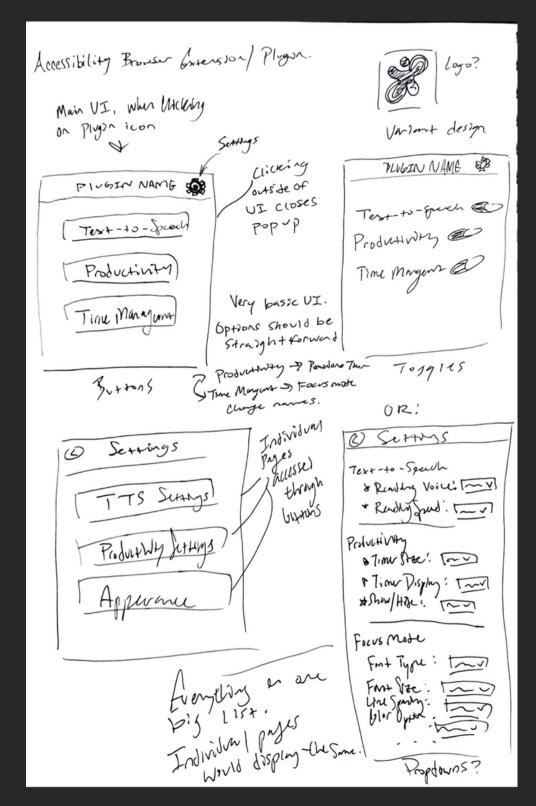
An at home work environment or small office space is preferred. Supportive colleagues and a culture that values diverse perspectives is a must.

JOURNEY MAP

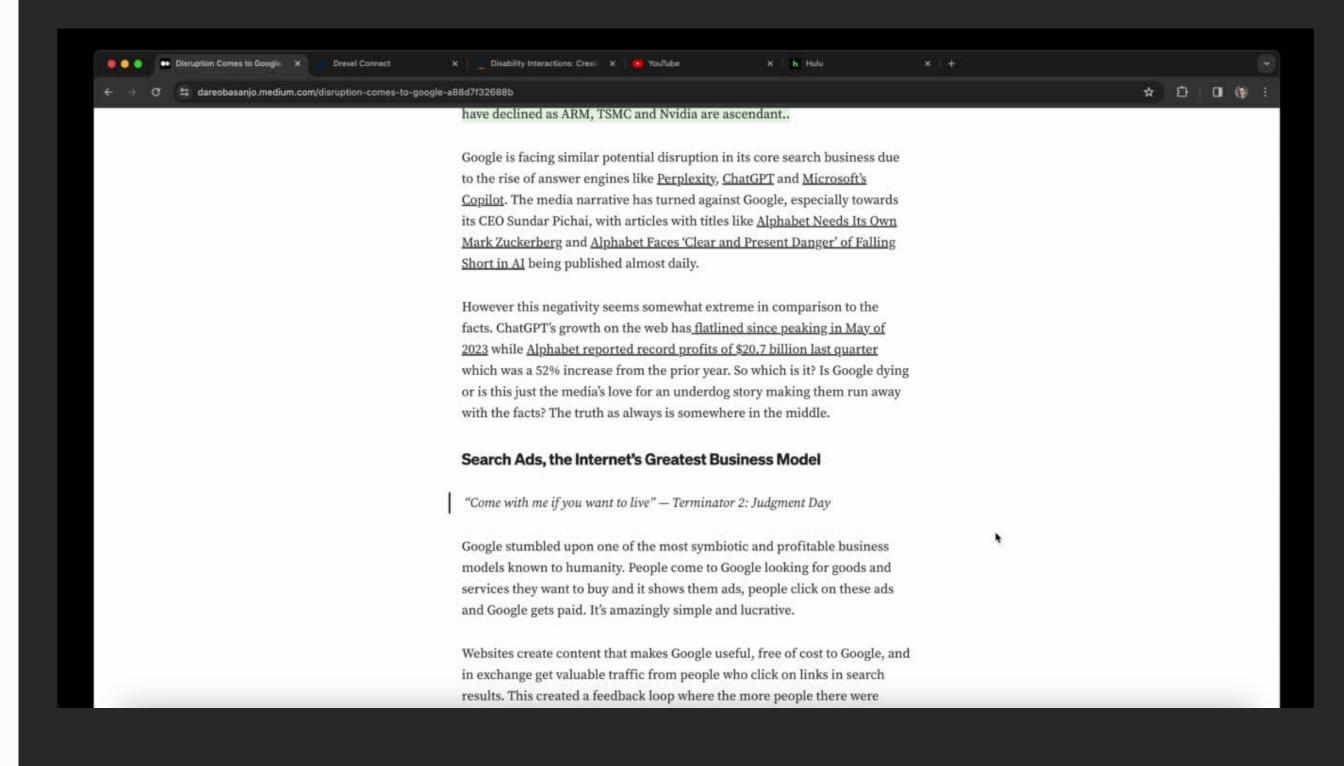
	Awareness	Consideration	Decision	Retention
Goals	To become aware of browser extensions that cater to neurodivergent user needs	Explores different browser extensions and understands each of the features	Choose the most suitable extension based on personal preferences	Successfully integrate the extension into their daily online activities
Feelings	Curious, Hopeful, Frustrated with current online experiences	Overwhelmed, Cautious, Optimistic	Anxious, Hopeful, Relieved	Satisfied, Engaged
Challenges	Lack of awareness of available solutions	Evaluating the effectiveness of the extensions, concerns about potential disruptions, and about privacy concerns	Making a decision among many options, fear of investing in something that may not work	Adopting new routines and habits, adjusting extension to their needs
Motivation	Seeking a more comfortable and accommodating online experience	Finding a solution that aligns with their unique needs; perhaps something customizable	Personal recommendations from neurodivergent communities, clear & accessible information on extension benefits	Noticing positive changes in their online experiences

CONCEPT





PROTOTYPE (LOW-FI)



PROTOTYPE (HIGH-FI)

