

Dyslexia Research

I first started doing some research on both normal google and google scholar but felt a bit lost or like my research speed was slow looking through all the individual links.

Then I decided to use ChatGPT to speed up my research. Below is the prompt I used:

I am doing research about how dyslexia affects the usage of social media and the internet. The project is about how to have better user accessibility for cognitive people for social media and the internet and my group has chosen people with dyslexia.

Could you please help give me links for certain website/articles based on the questions I give you?

I further gave it the research questions from the double diamond we used and some questions of my own.

Dyslexia Research

What are the most common reading and writing challenges faced by people with dyslexia, and how can they be effectively simulated in a digital environment?

Common Challenges:

- Individuals with dyslexia often struggle with reading comprehension due to difficulties in decoding words, leading to challenges in accurately and fluently reading text. This can hinder their ability to understand complex passages and grasp main ideas. devdis.com

Digital Simulations:

- Some digital simulations attempt to replicate the reading challenges faced by individuals with dyslexia. For example, a [dyslexia simulator](#) demonstrates how text can appear to move around the screen, making reading difficult. [AbilityNet](#)
- However, it's important to note that not all simulations accurately represent the dyslexic experience. Some argue that certain online simulations, while well-intentioned, may not truly capture what it's like to have dyslexia. [International Dyslexia Association](#)

How do different types of dyslexia (e.g., phonological, surface, visual) affect reading and comprehension, and how can these be represented in a gamified format?

Types of Dyslexia and Their Effects:

- **Phonological Dyslexia:** This type involves difficulties in connecting sounds to their written forms, leading to challenges in decoding unfamiliar words and slow reading. [arXiv](#)
- **Surface Dyslexia:** Individuals may struggle with recognizing whole words by sight

I went through the information given to me and checked the links as well to make sure the information is correct or what we need for the project. Some of them were basic articles and some gave us good information like the “[MDPI](#)” that showed us graphs and other information that we found useful.

After collecting data from our research we showed the research document to our client where he found the research I have done really good and actually requested if we could send him the document I made to him.

From this I found out how good using ChatGPT as a tool and would like to further learn how to properly use the AI for school or in the future.