PROJECT REPORT- HCI ASSIGNMENT

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Font Design Report for Children Aged 5-7

1. Introduction

This report explains the design and purpose of a new font created specifically for children aged 5 to 7. The goal is to enhance early literacy by providing clear, friendly, and easy-to-read letterforms that encourage young readers.

2. Font Design Overview

The font features rounded, simple characters with ample spacing between each letter. This design approach reduces confusion between similar-looking characters (like 'b' and 'd') and makes reading easier for beginners. Each letter is crafted to be easily recognizable and visually distinct.

Software Used to make this font

We chose Calligraphr.com for designing the new font due to its beginner-friendly interface and ease of use, making it ideal for users who are new to font design. Calligraphr simplifies the process of transforming hand-drawn characters into a digital font, without the need for advanced design skills or software. Its template-based system allows users to easily create custom letterforms by either drawing them on paper or digitally, and the platform automatically converts these drawings into a functional font file.

3. Design Justification

- **Rounded Characters**: Rounded shapes make the font more approachable and reduce the sharpness that may distract or confuse young children.

- **Clear Letterforms**: The font is designed to avoid unnecessary complexity, making each character easier to recognize.

- **Increased Spacing**: Slightly wider spacing between letters helps prevent crowding and makes the text easier to follow.
- **Playful Style**: The font's playful, soft look keeps children engaged with the material, creating a fun and encouraging reading experience.

4. Sample Paragraph in the New Font

This font is specifically designed for young children between the ages of 5 and 7, who are just beginning to learn how to read and write. The characters are rounded and simple, avoiding any sharp or complex designs that might confuse early learners. The larger, clearer letter forms make it easy for children to distinguish between similar-looking characters, like 'b' and 'd', which are common sources of confusion at this age. Additionally, the spacing between each letter is slightly wider to enhance legibility and prevent letters from appearing crowded. The playful, friendly design encourages children to engage with the text, making reading and writing a more enjoyable experience as they develop their foundational literacy skills. Overall, this font is ideal for educational materials aimed at young learners, helping them build confidence as they begin to read fluently.

5. Conclusion

This font is well-suited for educational materials aimed at early readers, offering a friendly and engaging design that enhances readability and encourages literacy development in young children.

Github link: https://github.com/Evenidk/FontForge_Project_HCI