PREREADER

Let our AI help you wih customized audio-based understanding

THE CHALLENGE & OUR SOLUTION

Navigating complex academic texts can be overwhelming for students. Our innovative application transforms daunting texts into a digestible audio format, simplifying comprehension and enhancing retention.

HOW IT WORKS & TECHNOLOGIES USED

The application harnesses the contextual understanding of Claude to extract key concepts from texts. These concepts are then converted into audio via the googleTextToSpeech python package, ready for offline listening

USER INTERACTION: A CASE STUDY

Consider a student approaching a dense text by David Kaiser on 'The Structure of Scientific Revolutions'. Our app prepares an audio preview of key concepts, enabling the student to grasp essential ideas even before reading the text, thereby facilitating a smoother reading experience

PROSPECTS & APPLICATIONS

The application has potential beyond academic settings - it could benefit professionals approaching complex documents or people with visual impairments. Its offline functionality broadens its accessibility, making learning possible anytime, anywhere.

WHY THIS MATTERS

By transforming the way users approach complex texts, we're reducing learning anxiety and making knowledge more accessible. Our app not only aids in comprehension but fosters a more enjoyable learning experience.