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(57) Abstract :

ABSTRACT: Title: Smart Eyewear with Reading Assistive System The present disclosure discloses a smart eyewear with reading assistive system that provides accurate pronunciation, meaning and contextual meaning of the text using Internet of Things (IoT) to thereby enhance the experience of the reader while reading a book. The smart eyewear with reading assistive system 100 comprises a highlighter 101, a scanner 102, a controller 103, at least a wireless audio device 108 and a power module 109. The controller 103 further comprises a processing module 104, a retrieval module 105, a conversion module 106 and a wireless communication module 107. The smart eyewear provides hands-free guidance to the reader without interruption while reading a book. The words in books of any language are translated and the audio information is provided to the reader in specified language. The smart eyewear with reading assistive system aids the reader to maintain continuity while reading a book. The smart eyewear provides a highlighter that wirelessly communicates with a scanner and enables the reader to mark a word or phrase or a sentence in a book. The smart eyewear with reading assistive system aids to analyze the information related to the book which includes history, writing style of the author, preview or review of the book that is read by the reader to improve the understanding of the book.

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