

A Review on Transforming the Way of Learning Using AI

Prof. Shegar S. R.¹, Santosh Rajendra Waghmare², Pooja Dattatraya Bhor²,
Date Pratik Santosh²

¹ Professor, ² Students, Department of Computer Engineering,
Samarth College of Engineering and Management, Belhe, Junnar, Pune, Maharashtra, India

Abstract: *In this study, we introduce an AI-driven educational app that transforms reading into an interactive learning experience. Leveraging real-time AI and natural language processing, the application offers users personalized support, particularly beneficial for students seeking efficient comprehension and analysis.*

Key features include Chat with Book for topic exploration through interactive dialogues, Binding for managing and summarizing external resources, and Bookmarking for easy navigation. Additionally, users can utilize an Embedded Meaning Finder to look up definitions, Audiobook Support with Assistant for seamless audio learning, and Document Upload and Chat to interact with uploaded documents.

The application aims to make reading more engaging and accessible, enhancing both academic and personal learning through innovative AI-powered tools..

Keywords: AI in Education, NLP, Book Accessibility, RAG System, Interactive Reading

