

**Voicesense: Advancing English Pronunciation Skills for Non-Native  
Secondary Students Through Constructivist Learning.**

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**ABSTRACT**

*Non-native English-speaking students encounter substantial challenges in honing their English pronunciation skills, necessitating innovative solutions to bridge this gap. The "VOICESENSE" project endeavors to revolutionize English pronunciation learning for non-native high school students by harnessing innovative technology and constructivist learning principles. Inspired by the need for personalized feedback and real-time assessment, VoiceSense offers a platform for users to record, evaluate, and enhance their pronunciation skills independently. By tracking progress and motivating continuous practice, VoiceSense aims to empower students to achieve proficiency and confidence in English communication.*

**Keywords:** *English Pronunciation, Constructivist Learning, Voice Sensor*

*Technology, Agile Development Methodology, Non-Native Speakers.*