

ADAPTIVE TOOLS FOR TEACHING NOTE DURATIONS TO VISUALLY IMPAIRED STUDENTS

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Abstract. *The paper presents an adaptive tool for teaching music note durations for visually impaired students. The tool can dynamically generate exercise and testing problems of different difficulty according to the student's level and pre-defined parameters. The tool can be used for self-assessment. It assists visually impaired students through the use of Microsoft Azure Cognitive Services for speech recognition to validate verbal answers.*

Key words: Music education, Visually impaired students, Adaptive learning.

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