

**TEXT-TO-SPEECH TECHNOLOGY IN CREATING
LISTENING MATERIALS**

THESIS

By

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**ANTASARI STATE ISLAMIC UNIVERSITY
BANJARMASIN
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**TEXT-TO-SPEECH TECHNOLOGY IN CREATING LISTENING
MATERIALS**

Undergraduate Thesis

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Sarjana Pendidikan

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ABSTRACT

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Keywords : CALL, Text-to-Speech, AI, Teacher's experiences, Listening materials.

The advancement of technology is happening around us whether or not we are aware of it. one such advancement is in the field of Computer Assisted Language Learning (CALL). CALL has been around since around the 1960s, and one the results of that advancement is a program called Text-to-Speech (TTS). TTS originally intended to aid those with disabilities, lately, has been used in different cases. The goal of this research is to examine the utilization of TTS, namely Elevenlabs.io in an english learning context in MtsS Nur Ihya'iddin performed by the English teacher. The purposes of this research is to (1) investigate the process of creating listening materials using TTS done by the English teacher in its entirety, and (2) gather informations regarding the teacher's views about the usage of TTS as a tool to create listening materials. The data collected is analyzed using narrative frame and interview method.

The results shows the process of using TTS to create listening materials done by the teacher are divided by two stages, scripting and conversion. The teacher also shared their views regarding the use of this tool in the context of creating listening materials. They expressed their praises for the tool because of its convenience, naturalness and the creative freedom it provides to the user. However, they noted that they do not use this program all the time, and only when they specifically need to. So it is not a full replacement of native voice in their teaching environment context.

ABSTRAK

Dandi khasim. 190101030886. *Text-to-Speech Technology in Creating Listening Materials*. Skripsi. Jurusan Tadris Bahasa Inggris, Fakultas Tarbiyah dan Keguruan, UIN Antasari Banjarmasin. Dosen Pembimbing: (I) Dr. Raida Asfihana, M.Pd, (II) Hidayah Nor, S, Pd, M. Pd.

Kata kunci : CALL, *Text-to-Speech*, AI, Pengalaman Guru, Materi Listening.

Kemajuan teknologi akan selalu terjadi di sekitar kita baik kita menyadarinya atau tidak. salah satu kemajuan tersebut adalah di bidang *Computer Assisted Language Learning* (CALL). CALL sudah ada sejak sekitar tahun 1960an, dan salah satu hasil kemajuan tersebut adalah program bernama Text-to-Speech (TTS). awalnya dimaksudkan untuk membantu penyandang disabilitas, namun belakangan ini, telah digunakan dalam kasus yang berbeda dari biasanya. Tujuan dari penelitian ini adalah untuk mengetahui pemanfaatan TTS, lebih spesifiknya Elevenlabs.io dalam konteks pembelajaran bahasa Inggris di MtsS Nur Ihya'iddin yang dilakukan oleh guru bahasa Inggris disana. Penelitian ini ingin (1) menyelidiki proses pembuatan materi listening menggunakan TTS yang dilakukan oleh guru bahasa Inggris secara keseluruhan, dan (2) mengumpulkan informasi mengenai pandangan guru tentang penggunaan TTS sebagai alat untuk membuat materi listening. Data yang terkumpul lalu dianalisis dengan menggunakan metode *narrative frame* dan interview.

Hasil penelitian menunjukkan keseluruhan proses penggunaan TTS dalam membuat materi listening yang dilakukan oleh guru tersebut terbagi menjadi dua dua tahap, scripting dan konversi. Dan guru tersebut juga menyampaikan pandangannya mengenai penggunaan alat ini dalam konteks pembuatan materi listening. Di mana guru tersebut mengutarakan pujian terhadap alat ini karena kenyamanan, kealamian dan kebebasan berkreasi yang diberikan kepada penggunanya. Namun, mereka juga memberi catatan bahwa mereka tidak menggunakan program ini setiap saat, dan hanya jika diperlukan saja. Jadi ini bukanlah pengganti penuh dari suara asli suara *native* dalam konteks lingkungan mengajar guru tersebut.

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