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Extensive Viewing for Language Learning

Learning a new language through subtitles in TV shows.

Background

Learning a new language can be challenging and requires constant practice in memorizing and pronouncing new vocabulary and phrases. One strategy for experiencing new vocabulary and expressions in context is through extensive viewing of TV shows and movies, for example on video-on-demand platforms such as Netflix, Amazon Prime Video, and Disney+. These platforms offer a variety of informative and entertaining audiovisual content along with audio and subtitles in different languages.

However, to select, memorize, and assess relevant vocabulary, learners have to invest the effort to notate, translate, and rehearse words they don't understand.

Research Question

The goal of this project is to develop a technology-enhanced learning tool that supports language learners in learning new vocabulary through watching TV shows and movies. You will evaluate the system in terms of usability and explore its effects on learners' learning success and motivation.

Based on Bachelor or Master level the thesis will be adapted.

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Focus

User-Centered Design
Process
Software & Hardware
Prototype
Eye-Tracking