

CS491

Project Information Form

Project Name

StreamLang

Project Description

Language learners require listening content to complement their studies; however, it is a pain to find content that is suitable for one's level. If you find some listening content that is pushing you to grow in terms of understanding complex grammar structures, it might be too easy in terms of vocabulary, or vice versa. Our solution allows the language learner to select precise grammar structures, specific vocabulary, content type, speaking speed and voice which are then used to create a listening stream uniquely tailored for the user's growth. Selected vocabulary and grammar structures are sprinkled into the listening stream using the scientifically proven *Spaced Repetition System* to optimize memory recall. Initial listening stream configuration templates are available as well as a Dynamic Mode which updates the vocabulary and grammar level automatically in time, enabling a passive learning experience.

Supervisor

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Innovation Expert

Haluk Altunel

Project Webpage

streamlang.pages.dev

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