



Final Project Proposal

TEDU Assistant

<https://tedu-cmpe491-group10.netlify.app/>

Team Mehmet Batuhan Şenol
Gizem Kurtcuoğlu
Deniz Akşimşek
Enes Akmil

Supervisor Yücel Çimtay

Jury Aslı Gençtav
Emin Kuğu

It can be time consuming or complicated to access specific information from university websites. Our project is a voice assistant/chatbot which will provide students, academic and administrative staff with natural-language access to all kinds of information related to the university. This will lead to a plain and convenient interface which adapts to user needs. For instance, when a user asks “*Where is Yücel Çimtay’s office?*”, the system will comprehend the query and respond in both text and voice.

As part of the project, NLP (natural language processing) will be used to construct API queries from the user’s questions and commands. We expect to perform voice recognition and synthesis using capabilities readily available on the user’s device [1].

[1] https://developer.mozilla.org/en-US/docs/Web/API/Web_Speech_API