Augmenting Tandem Language Learning with the Tandem Table

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Tandem Language Learning

Tandem language learning (TLL) involves a group of language learners who transfer language knowledge to each other through bilingual conversations. Each person acts as a teacher of their native language, as well as a learner of their partner(s)'s language [2].



Understand the task and context of tandem language learning

Design and implement a computerassisted language learning (CALL) system for TLL

Evaluate the software system

Participatory Observation

To accomplish our first goal of understanding the tasks and context of TLL, we conducted a participatory observation of a TLL environment, called the Conversation Café. We also interviewed its administrator and four participants.





Figure 1. A Conversation Café information poster













Exploratory Evaluation

To evaluate TandemTable, a preliminary exploratory study with 16 participants was conducted. In groups of two, participants used TandemTable for a total of 35 minutes to learn a language, while a researcher observed and made notes. Pre- and post-interviews and questionnaires were used to gather additional data.

It was found that TandemTable helped to bridge awkward moments through inspiring new topics and discussion content. All, but one, participant thought that our system helped to increase the amount of discussion between partners, and found that it helped them find new things to talk about.



Figure 4. Two learners using TandemTable.

Future Work

We plan to conduct a full comparative evaluation study to discover what kind of impact TandemTable has on TLL sessions when compared to traditional means.

References

[1] Paluka, E., Cook, Z., Hancock, M., and Collins, C. The Simple Multi-Touch Toolkit. (2013). http://vialab.science.uoit.ca/portfolio/smt-toolkit [2] Vassallo, M. L., and Telles, J. A. Foreign language learning in-tandem: Theoretical principles and research perspectives. In ESPecialist, (2006).



