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| Research Topic | A Conversational Agent for English Writing Skill Learners | Faculty of Information Science and Technology |
| Host University | Sirindhorn International Institute of Technology, Thammasat University / Pathum Thani / Thailand | Department of Media Science |
| Duration | From September 2, 2019 to January 4, 2020 | NAKANO Akihito |

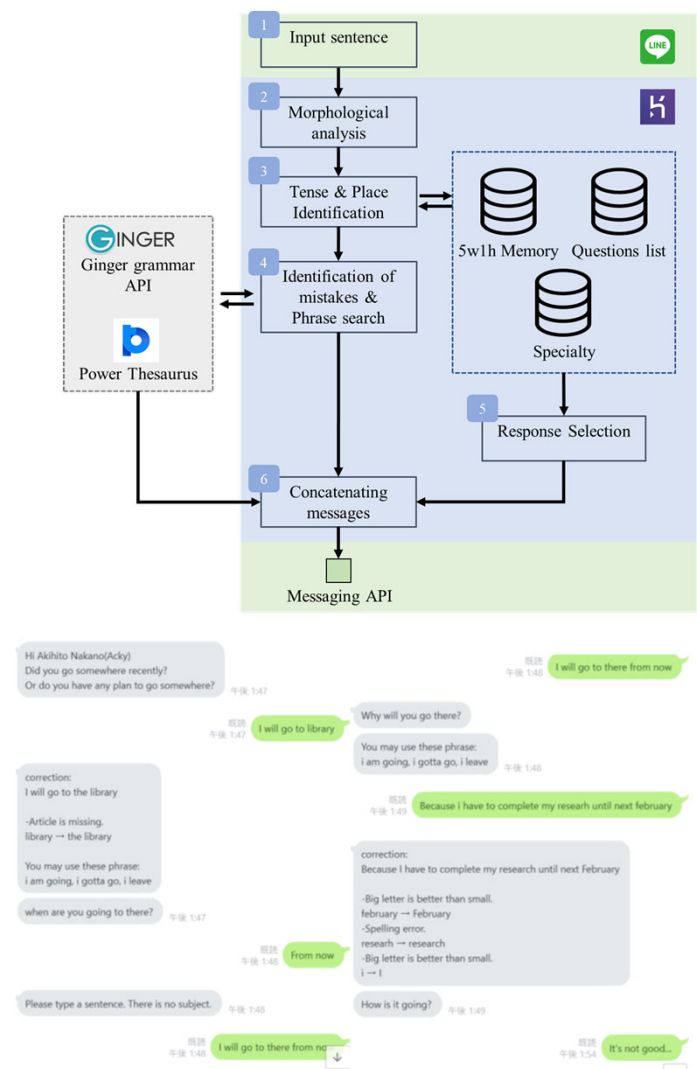
Summary of the Research Activities

In recent years, with the development of information and communication technology and the spread of smartphones, communication by chat applications such as LINE and Facebook Messenger becomes popular rapidly, where the demand for chatbots is increasing. A chatbot is a program that performs conversation like a human. A lot of chatbots have been developed for some special tasks such as an agent for a restaurant reservation, and a chatbot that handles inquiries instead of a person.

This time we focused on several grammar checkers and grammar correction tools available in the market, including Grammarly, Ginger, 1Checker, etc. These applications are very useful for revising sentences with a few simple explanations. Most of these tools aim to correct grammar and check wording, not to learn English to acquire a second language.

We design and a preliminary implementation of a conversational agent to support learning English writing for non-native speakers.

After experimenting with a chatbot, we haven't yet reached a system that users will want to keep using it because there are still few conversation variations to prepare. However, feedback function of grammar correction, rephrase were highly evaluated.



About university, lab and activities.

Thammasat University has so broad premises, many beautiful places and self study of facilities. And there're many food stalls and restaurants around university. After the class or daily works, I always had meal with my friends. In my laboratory, we had a meeting to present about own study progress every Friday but I needed to go to another campus by bus. It was hard a little bit so I usually studied at library except Friday.

In addition, I joined volunteer club while staying university. In November, we went to Chaing Mai to help with Yeepeng Festival as volunteer.



指導教員講評

すぐに現地の環境に慣れ、研究をコンスタントに進めるとともに、初めての英語での学会発表を行ったり、現地の学生とも積極的に交流して充実した有意義な留学になったと思います。

指導教員氏名: 平 博順