

Recommender Chatbot for Thailand Attraction

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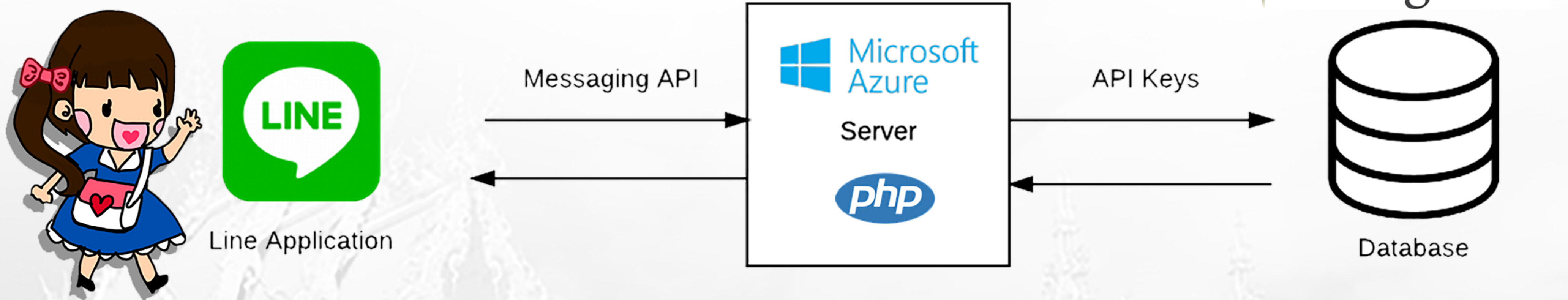
MOTIVATION

Instant message (e.g., Line, Messenger, or WeChat) is a popular communication channel to chat with other friends. In traditional, asking information from operator by chat is optional and human responses have some limitations such as operator's sickness, emotion, and cannot service 24 hours 7 days. The issue makes the accuracy of information up to operator. So user will lose opportunity to find destination they want and government will be lost tourist incomes.

OBJECTIVE

The purposes of this chatbot are to recommend and search for Thailand tourist attraction. The information that we use to recommend and search are from conversation about attribute of places between chatbot and user.

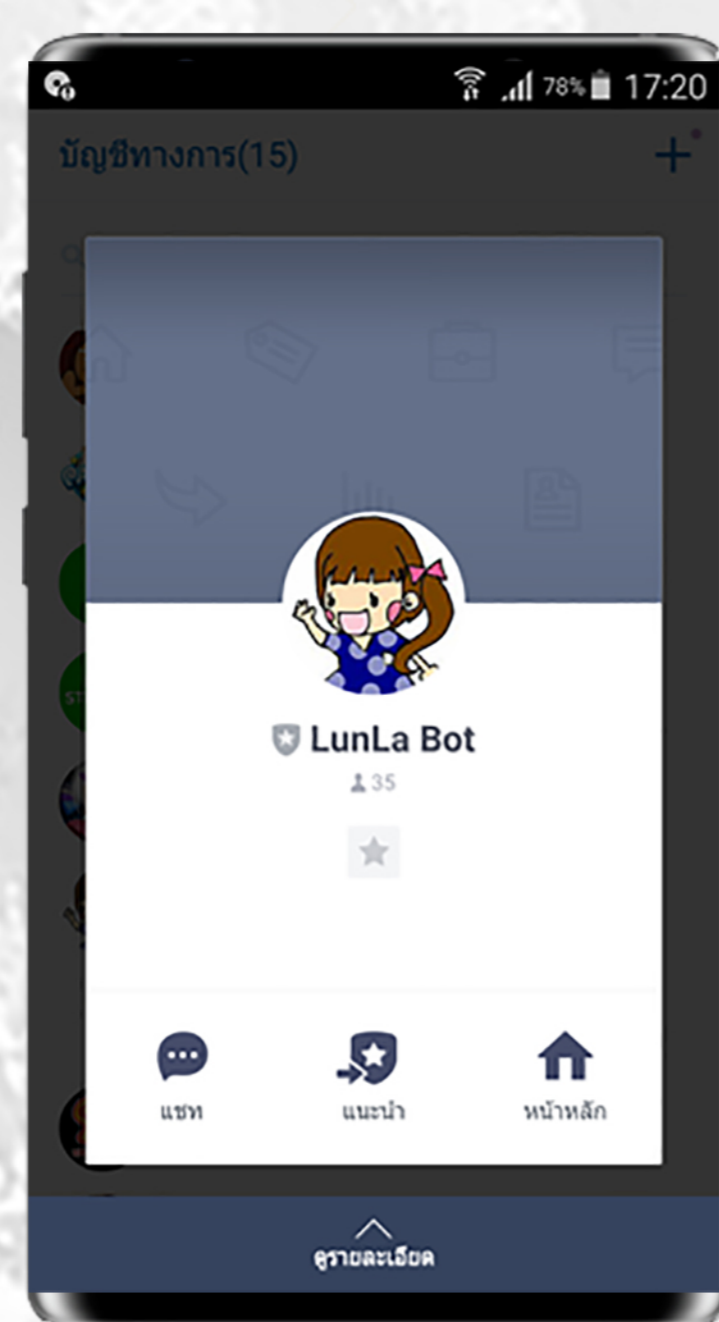
SYSTEM ARCHITECTURE



RESULTS

FUNCTION

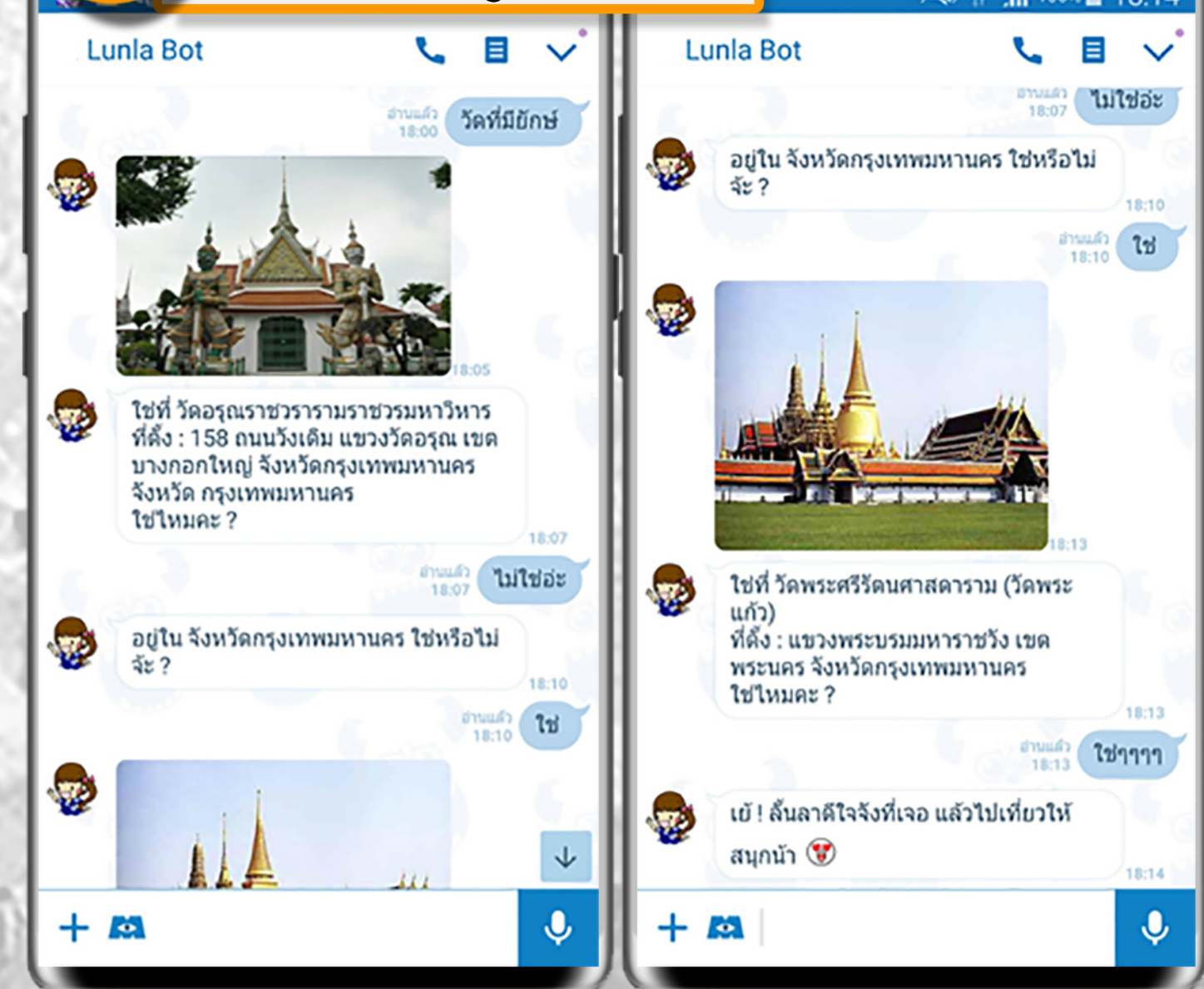
1. Recommend Thailand tourist attraction
2. Search Thailand tourist attraction



1 Recommendation Request and Acknowledge



2 Search Request and Acknowledge



CONCLUSION

This chatbot is called "LunLa". User can chat with Lunla bot by add friend on Line application. The information that we use to recommend and search are from conversation about attribute of places between chatbot and user such as province, region, type of place, activity or keyword that relate to the tourist attraction. Then the system will analyse information by using Reinforcement learning which is machine learning for greater result. The response has covered all necessary information about tourist attraction including name, picture, detail and location.

REFERENCES

Line Corporation. Messaging API. Available: <https://developers.line.me/en/docs/messaging-api/overview/>