HANOI UNIVERSITY OF SCIENCE AND TECHNOLOGY

School of Information and Communication Technology

**THESIS**

Health Care Application Using Human Activity Recognition

Nguyen Duc Dung

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Hanoi, May 2021

**REQUIREMENTS OF THESIS**

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Class: ICT-K60

Program: Fulltime

**Goal of the Thesis:**

Implement a Chatbot System that can automatically assist customers with a certain set of Online Banking Functions

**Main Tasks:**

* Collect and prepare the dataset as well as designing the scripts for the Chatbot conversation flow
* Conduct Testing for Natural Language Processing tasks with different components to select the best performance one for the system
* Provide an Interface for the Chatbot to interact with customers

**Declaration:**

I – Nguyen Quang Minh – hereby warrants that the Work and Presentation in this thesis are performed by myself under the supervision of Dr. Nguyen Kiem Hieu. All results presented in this thesis are truthful and are not copied from any other work. All references in this thesis - including images, tables, figures, and quotes - are clearly and fully documented in the bibliography. I will take full responsibility for even one copy that violates school regulations.

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|  | Hanoi, June 2021  Author  Nguyen Duc Dung |

Attestation of the supervisor on the fulfillment of the requirements of the thesis

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|  | Hanoi, June 2021  Supervisor  Cao Tuan Dung |