

Supervisor's Standpoint on the Doctoral Thesis

Doctoral student: Huynh Thai Hoc
Doctoral thesis title: Regression Models for Software Project Effort Estimation
Supervisor: Assoc Prof. Ing. Zdenka Prokopová, CSc.

Huynh Thai Hoc entered full-time doctoral studies at the FAI TBU in Zlín in February 2019. He graduated from the master's study program in Geographic Information Systems at the University of Technology (HCMUT), Ho Chi Minh City, Vietnam, in 2007. He obtained a bachelor's degree in mathematics and computer science from the University of Science (HCMUS), Ho Chi Minh City, Vietnam 2002. After graduation, he worked for five years as a GIS developer at DITAGIS and several years as a Lecturer at the University of Natural Resources, University of Industry, and Van Lang University, HCMC, Vietnam.

Huynh Thai Hoc chose an exciting and actual area of software engineering as the topic of his doctoral thesis, specifically Regression Models for Software Project Effort Estimation. By its nature, the submitted doctoral thesis belongs to works with a program and application output. The author has demonstrated theoretical knowledge and programming skills. The formal level of the work is high, and the division of theses, correctness, and comprehensibility have no significant shortcomings. The doctoral dissertation work is written in English, has a total length of 116 pages, and is divided into nine chapters.


During his study at the TBU, the doctoral student was a member of IGA projects, IGA-K-TRINITY/004, OP RDE Project Junior grants of TBU in Zlín, reg. No. CZ.02.2.69/0.0/19_073/0016941. From March 2022 to January 2023, he completed an internship at Torus Actions, Toulouse, France.

The doctoral student prepared 22 professional publications as an author or coauthor during his doctoral studies. Most of the publications contributed to the development of the solved issue. These are exclusively publications in English, where the doctoral student has demonstrated the ability to communicate with the world scientific community.

I note that the level of the submitted doctoral thesis is good, with a sufficient contribution to science and practice. The doctoral student demonstrated excellent knowledge in the field of software engineering and submitted work fully met the set objectives. The doctoral student worked responsibly and with initiative. His contact with the supervisor and co-supervisor was constructive and purposeful.

In accordance with Act No. 111/Coll. **I recommend** the doctoral thesis of Huynh Thai Hoc for the defense.

Zlín, Date...*25.9.2023*


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Assoc. prof. Ing. Zdenka Prokopová, CSc.