UNIVERSITY OF TRANSPORT AND COMMUNICATIONS
FACULTY OF INTERNATIONAL EDUCATION

GRADUATION PROJECT

Topic

HIGH-QUALITY PROGRAM OF ENGLISH – VIETNAMESE

INFORMATION TECHNOLOGY

Building a System for UTC ResearchHub "Project Management System"

by

L E DINH TU

COURSE 62

CLASS 1

2021 - 2025 (Course 62)

HANOI - JUNE 2025

UNIVERSITY OF TRANSPORT AND COMMUNICATIONS
FACULTY OF INTERNATIONAL EDUCATION

GRADUATION PROJECT

Submitted in partial fulfillment of the requirements for the degree of engineer

HIGH-QUALITY PROGRAM OF ENGLISH – VIETNAMESE INFORMATION TECHNOLOGY

by

LE DINH TU

Under supervision of Dr(Msc) Luong Thai Le

Examiner of Dr.(Msc)

HA NOI - JUNE 2025

COMMENT OF SUPERVISOR

1. EVALUATION OF CONTENT AND QUALITY OF REPORT:

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3. EVALUATION OF WORKING ATTITUDE OF STUDENT:

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4. CONCLUSION:

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Hanoi, June 2025

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COMMENT OF REVIEWER

1. EVALUATION OF CONTENT AND QUALITY OF REPORT:

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3 CONCLUSION:

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Student author

Le Dinh Tu

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GLOSSARY

Term	Definition
API	Application Programming Interface: A set of protocols and tools for building software applications and enabling communication between different software components.
BFD	Business Function Diagram: A diagram that shows the hierarchical breakdown of business functions into simpler sub-functions. It helps visualize how complex tasks are divided based on the size and complexity of the system.
SD	Sequence Diagram: A type of UML (Unified Modeling Language) diagram that illustrates how objects interact in a particular sequence of events.
JWT	JSON Web Token: A compact, URL-safe means of representing claims to be transferred between two parties, commonly used for authentication and authorization.
RBAC	Role-Based Access Control: A method of regulating access to resources based on the roles assigned to users within an organization.