

Final R&D Project Presentation from Cycle 8 BCIS program students

Written by Nguyễn Thị Phương Hằng

Tuesday, 05 June 2018 00:00 - Last Updated Tuesday, 23 October 2018 11:02

On June 4th, 2018, students from cycle 8 Bachelor of Computer and Information Sciences program, a joint program between Ho Chi Minh University of Science, VNUHCM and Auckland University of Technology (AUT), New Zealand, completed the R&D Projects.

This year's projects came from companies like Robert Bosch Engineering and Business Solutions Vietnam, TMA Solutions, Global Cybersoft, Fromlabs Pte.Ltd, Amaris Vietnam, and FPT Vietnam.

ITEC would like to show gratitude towards the presence of the representatives of companies providing topics and the employers from the following companies: Home credit Vietnam, NashTech Vietnam, Manpower Group, VITOP Media, and NIFTIT Vietnam.

The list of topics is available at <https://goo.gl/vfKxdy>

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A group photo taking with the Council

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Botsina Group - Client: Global Cybersoft Vietnam

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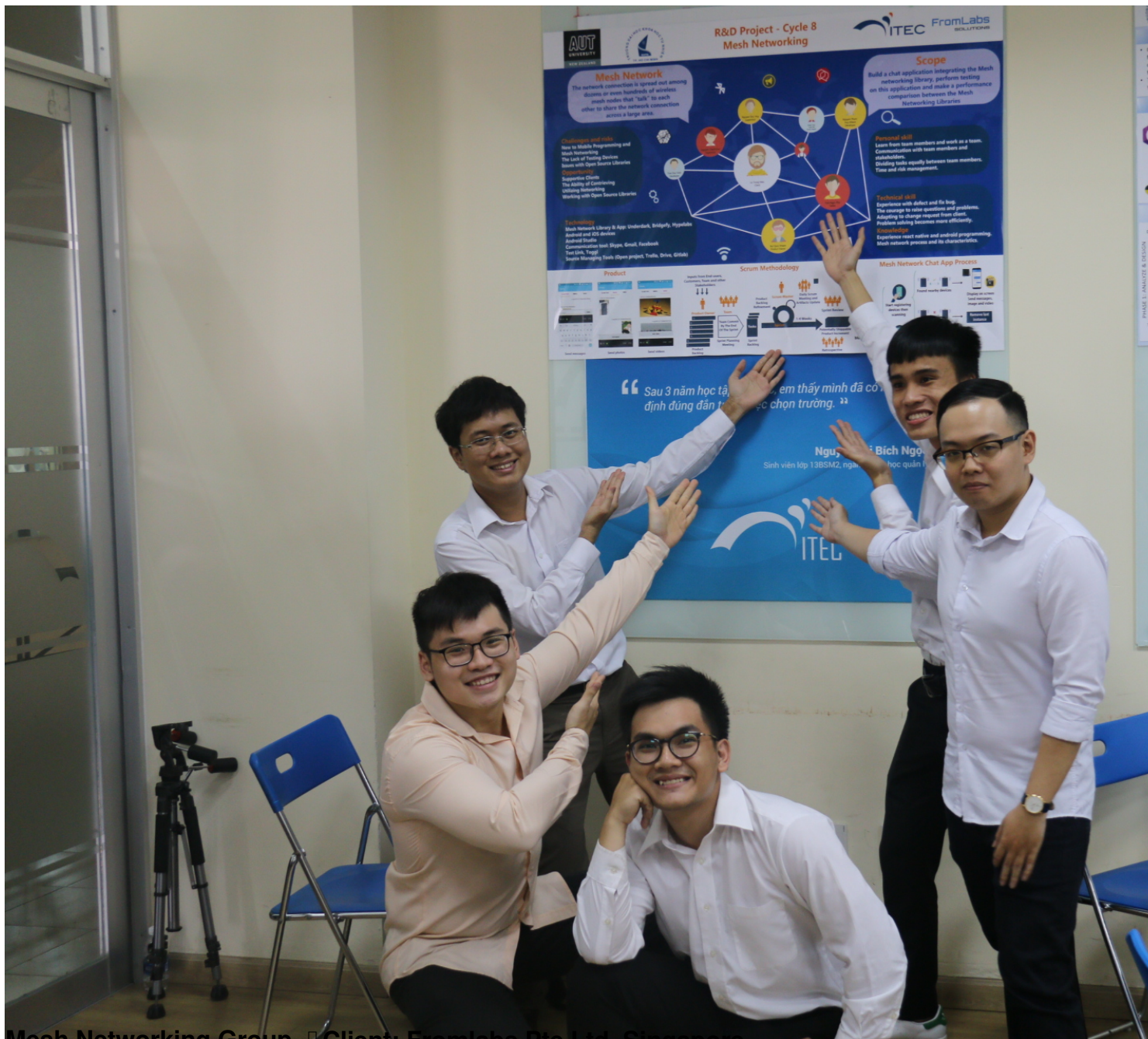


Cross-platform Group - Client: Fromlabs Pte.Ltd, Singapore

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Mesh Networking Group - Client: Fromlabs Pte.Ltd, Singapore

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Smart Parking Group - Client: Global Cybersoft Vietnam

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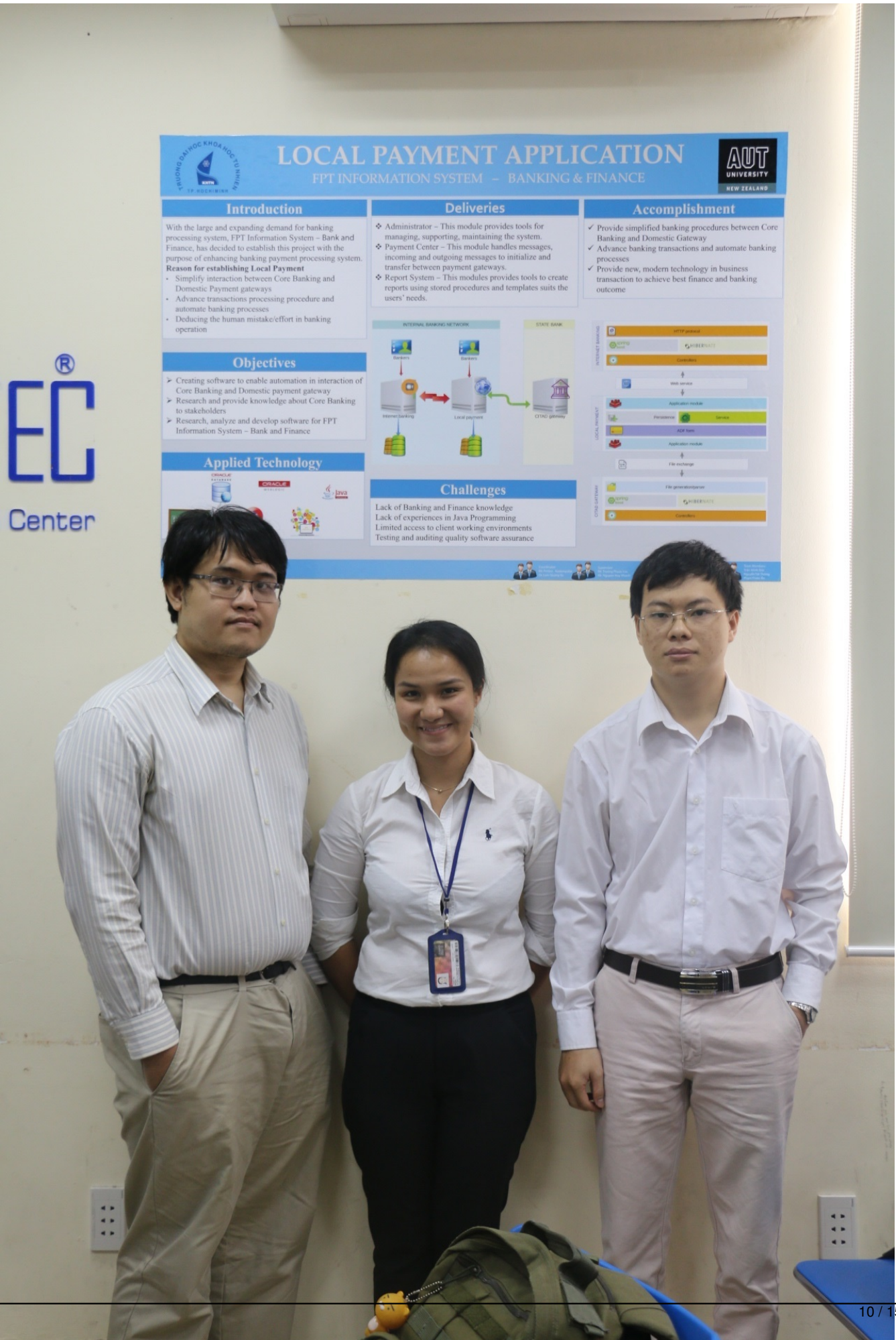


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Intelligent Personalized Learning System Group - Client: TMA Solutions



LOCAL PAYMENT APPLICATION
FPT INFORMATION SYSTEM - BANKING & FINANCE

Introduction

With the large and expanding demand for banking processing system, FPT Information System - Bank and Finance, has decided to establish this project with the purpose of enhancing banking payment processing system.

Reason for establishing Local Payment

- Simplify interaction between Core Banking and Domestic Payment gateways
- Advance transactions processing procedure and automate banking processes
- Reducing the human mistake/effort in banking operation

Objectives

- Creating software to enable automation in interaction of Core Banking and Domestic payment gateway
- Research and provide knowledge about Core Banking to stakeholders
- Research, analyze and develop software for FPT Information System - Bank and Finance

Applied Technology

ORACLE PL/SQL, ORACLE, JAVA

Deliveries

- ❖ Administrator - This module provides tools for managing, supporting, maintaining the system.
- ❖ Payment Center - This module handles messages, incoming and outgoing messages to initialize and transfer between payment gateways.
- ❖ Report System - This modules provides tools to create reports using stored procedures and templates suits the users' needs.

Challenges

- Lack of Banking and Finance knowledge
- Lack of experiences in Java Programming
- Limited access to client working environments
- Testing and auditing quality software assurance

Accomplishment

- ✓ Provide simplified banking procedures between Core Banking and Domestic Gateway
- ✓ Advance banking transactions and automate banking processes
- ✓ Provide new, modern technology in business transaction to achieve best finance and banking outcome

INTERNAL BANKING NETWORK

STATE BANK

INTERNET BANKING

LOCAL PAYMENT

EXTERNAL BANKING

EC
Center

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Local Payment Group - Client: FPT Vietnam

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Sotobis Application Group - Client: Robert Bosch Engineering and Business

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Event Management system Group - Client: Amaris Vietnam



HCMUS Attendance Checking System Group - Client: HCM University of Science