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

A group photo taking with the Council

Botsina Group - Client: Global Cybersoft Vietnam

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

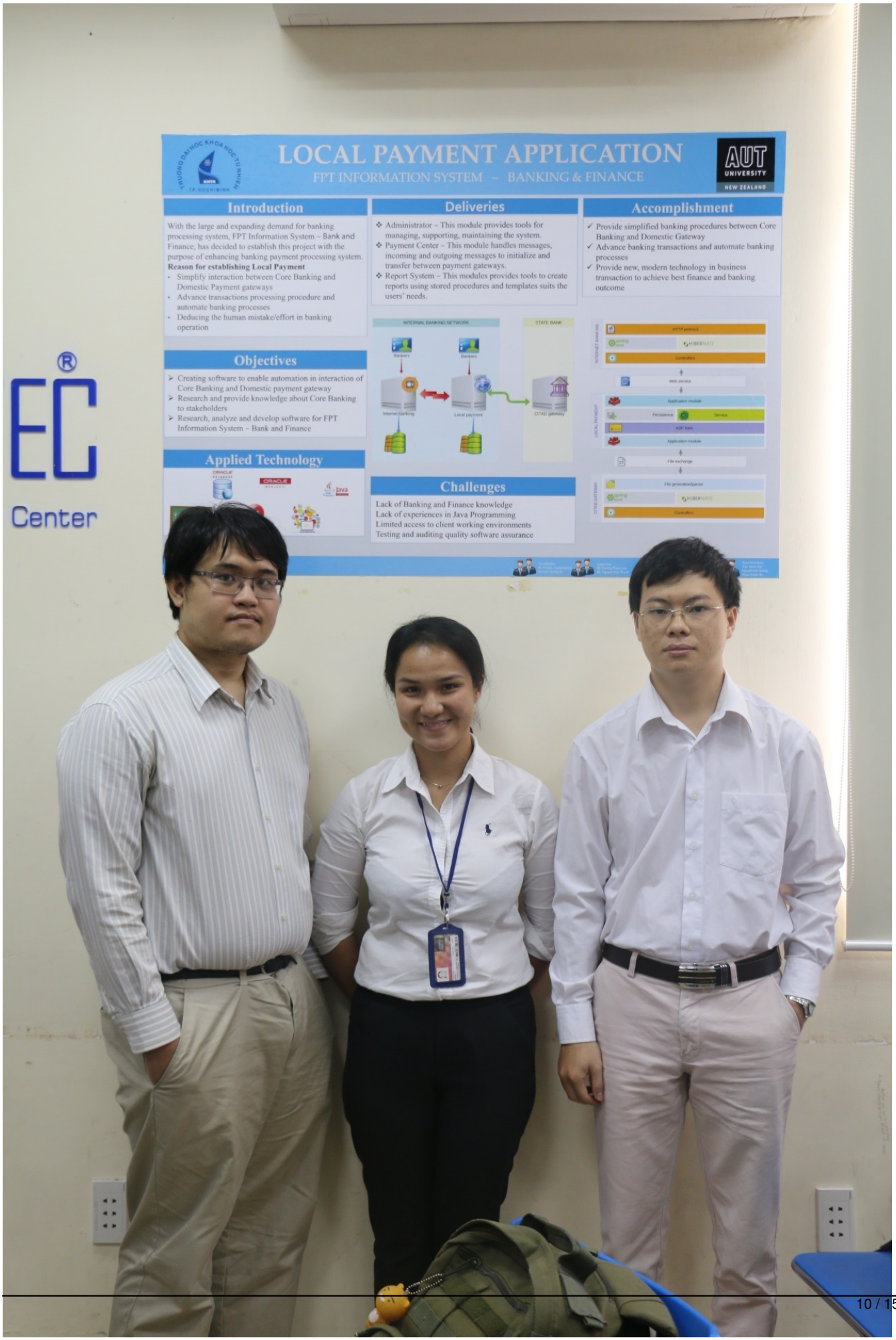
Mesh Networking Group - Client: Fromlabs Pte.Ltd, Singapore

SMART PARKING
Client: Mr Le Dinh Khanh - Global Cyber Soft
Supervisors: Mr Nguyen Vinh Tiep, Mr Ho Tuan Thanh
Project team: Le Duc Anh,Le Hoang Huy, Ma Gia Tuan,Chiem Trieu Vinh
INTRODUCTION
SYSTEM OVERVIEW
DIFFICULTIES
ACHIEVEMENTS
APPLIED TECHNOLOGY
RESULTS
SCRUM METHODOLOGY
Intelligent Persona
SYSTEM ARCHITECTURE
TECHNOLOGIES

Smart Parking Group - Client: Global Cybersoft Vietnam

Intelligent Personalized Learning System
INTRODUCTION
PROCESS DEVELOPMENT
ACHIEVEMENTS
SYSTEM ARCHITECTURE
OUTCOME
OPPORTUNITIES
TECHNOLOGIES
CHALLENGES
Members
SYSTEM OVERVIEW
DIFFICULTIES
ACHIEVEMENTS
RESULTS
SCRUM METHODOLOGY
Bachelor of Computer & Information Sciences in IT Service Science

Intelligent Personalized Learning System Group - Client: TMA Solutions


LOCAL PAYMENT APPLICATION
FPT INFORMATION SYSTEM – BANKING & FINANCE
AUT UNIVERSITY NEW ZEALAND
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
Deducing the human mistake/effort in banking operation
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.
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
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
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
EC Center

Local Payment Group - Client: FPT Vietnam

eVoting Blockchain
AUT UNIVERSITY NEW ZEALAND
BOSCH
Team Member
Nguyen Trong Tri
16943739
Team Member
Pham Huynh Tri Minh
16942517
Supervisor
Msc. Le Ngoc Son
HCMC University of Science
Client
Mr. Hoang Le Minh
Robert Bosch Engineering and Business Solutions Vietnam Co., Ltd
Objectives
Research Blockchain technology
Study voting issue
Come up with solution
Build POC eVoting blockchain product
Voting Issues
Rely on 3th party
Data is not transparent
Lack of robustness
Personal infomation is insecure
Progress Tracking
Timeline
Research
Development
Test
Progress
Peer Review
Test Life Cycle
Tracking Changes
System Workflow
VoteChain
User
Blockchain Network
Result
Transparent
Anonymous
Technology
ethereum
ANGULAR
TRUFFLE
HTML
CSS
Bootstrap
Layer Structure
Product
Achievements
asana
Challenges
New technology
First time apply Scrum
Miscommunication
Build product from scratch
Future Works
Deploy product
Improve UX/UI
feature

Solutions Application Group - Client:□ Robert Bosch Engineering and Business Solutions Vietnam

Event Management Application
Amaris
AUT UNIVERSITY
Introduction
Project Development process
Project Objective
Application Workflow
Challenges and risks
Opportunities
Project Approach
Accomplishment
List Events
References

Event Management system Group - Client: Amaris Vietnam

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

Please see more photos at this album .