# CopyCat & MyCat: Thesis and Academic Work Plagiarism Checking and Management System

Choochart Haruechaiyasak, Alisa Kongthon, Santipong Thaiprayoon, Supon Klaithin, Kanokorn Trakultaweekoon

National Electronics and Computer Technology Center (NECTEC) Thailand Science Park, Klong Luang, Pathumthani 12120, Thailand {choochart.har, alisa.kon, santipong.tha, supon.kla, kanokorn.tra}@nectec.or.th

#### **Abstract**

Today the Internet has become a common source for students to acquire additional knowledge outside the classrooms. On the down side, many students plagiarize their homework assignments, project reports and thesis by copying, pasting and modifying contents obtained from the online resources. Although there exist some commercial services for checking plagiarized contents, most of them only support English language and do not provide the submission system which is customized for the academic workflow. The main objective for this tutorial is to present two collaborative systems called CopyCat and MyCat to assist with the thesis plagiarism checking and submission process. CopyCat is a system for detecting plagiarized contents in both Thai and English languages. CopyCat can handle different types of plagiarized texts including copy-and-paste to a more difficult case in which contents are partially modified. MyCat, on the other hand, is a thesis submission management system which assists students, instructors and department administrators to work seamlessly throughout the thesis submission workflow. During the tutorial section, participants will have an opportunity to have a hands-on experience in using both systems, from creating a short plagiarized document, submitting the document for approval and creating the final approved version of the document in PDF.

**Keywords:** Plagiarism detection, copy and paste plagiarism, thesis submission workflow

## **Objectives:**

- (1) To learn an introductory knowledge on academic plagiarism and the techniques in detecting and checking plagiarism documents.
- (2) To get a hands-on experience in using thesis plagiarism checking and submission systems through CopyCat and MyCat.

**Duration:** half-day (3 hours)

### **Outline:**

- Introduction to academic plagiarism and plagiarism checking technique
- CopyCat: Copyright, Academic Work and Thesis Checking System
- MyCat: Thesis plagiarism checking and submission process

## **Target audiences:**

- Students
- Instructors
- Graduate school or department administrators in academic institutions

**Expected number of participants: 20-30** 

Level of experience: Introductory & Intermediate