Title : System Testing of Banana Talent Platform version 1.6

Author(s) : Ms. Phatthanan Wannapan **Student ID :** 650510629

Major : Computer Science

Advisor(s) : Assistant Professor Dr. Samerkae Somhom

Type of presentation* *(choose 1)* **:**

- ☐ **Oral Presentation** (เฉพาะ ตัวแทนนศ.ที่สาขาเลือกให้นำเสนอแบบบรรยาย)
- ☐ **Poster** (กรณี นำเสนอผลงานปัญหาพิเศษ/การค้นคว้าอิสระ)
- ☑ **Cooperative Education** (กรณี นำเสนอผลงานสหกิจศึกษา)

ABSTRACT

The cooperative education project for the academic year 2025 aims to gain practical experience in the real working environment of Banana Coding Co., Ltd. The author was assigned the role of a Test Engineer. The assigned task was to test the Banana Talent system, which is an internal web application for managing employee information, displaying evaluation reports, and showing the company's activity timeline. The author was responsible for testing the system that was developed as version 1.6. The testing was carried out according to the designed test cases. If any defects were found, they were reported to the development team for correction, followed by retesting to ensure that the system operated correctly, completely, and in accordance with user requirements.

When testing the Banana Talent system version 1.6 using manual testing methods, a total of 750 designed test cases were implied. We found 745 cases passed and 5 cases were skipped. For the skipped cases, the author reported the issues to the project manager for consideration and to reach a mutual conclusion. Additionally, 62 automated test cases were executed, and the results matched the manual testing outcomes. These operations helped enhance the efficiency and reliability of the system for actual users.