**Tên đề tài:**

* **Tiếng Việt: Phát triển hệ thống hỗ trợ đánh giá kết quả học tập dựa trên chuẩn đầu ra**
* **Tiếng Anh: Developing a system for outcome-based evaluation**

CBHD1: PGS. TS. Võ Thị Ngọc Châu CBHD2: CBHD3:

Email1: chauvtn@hcmut.edu.vn Email2: Email3:

Ngành: ✔ Khoa học máy tính ☐ Kỹ thuật máy tính ☐ Liên ngành CS-CE

Chương trình đào tạo:  ☐  Chính quy ✔ Chất lượng cao

Bộ môn duyệt đề, đề xuất phân công phản biện/ Hội đồng bảo vệ: Hệ thống Thông tin

Số lượng sinh viên thực hiện: 3

Họ tên – mã số sinh viên thực hiện (đã có):

Lê Hoàng Long - 2053186

Hứa Hoàng Nguyên - 2052619

Đỗ Trường Thịnh - 2052725

**Description**:

Outcome-based assessment and evaluation are the crucial processes for continuous improvement in education all over the world. They include many subprocesses and involve many constituents. Above all, evidence is always required for their clarity and accountability. As a result, a lot of data, information, and knowledge exist along with these processes. Information systems must be desired for them over time.

However, in practice, their simple calculations and storage have been mainly supported by computers and basic software. There is still a gap between the existing so-called information systems and the expected one, especially for outcome-based evaluation. One of the obvious rationales behind this gap is the dynamics from the changes made for continuous improvement. Therefore, developing a system for outcome-based evaluation is non-trivial but significant.

In short, the project focuses on an information system for outcome-based evaluation. The resulting system tentatively facilitates outcome-based assessment and evaluation. It also makes the greatest effort possible for sustainable continuous improvement in education.

**Task/Mission** (requirements in preliminary content and data):

1- Study outcome-based assessment and outcome-based evaluation.

2- Do research on the existing works (systems) related to outcome-based assessment and outcome-based evaluation. Based on the review of those, determine the challenges (difficulties) in developing a system for outcome-based evaluation.

3- Describe the proposed system for outcome-based evaluation.

4- Analyze and design the system.

5- Implement and test the system.

6- Evaluate the system.

Specialized Project: complete tasks 1, 2 and 3; complete part of tasks 4, 5, and 6.

Capstone Project: complete all the tasks.

**References**:

- http://abet.org

- References from the Internet