Curriculur Practical Training Reports
System Vision Document

1. Introduction

1.1 Purpose

The purpose of this document is to define the high level requirements for the improvement of the CPT reports system.

1.2 Scope

This vision document applies to the improvements to the CPT reporting system developed as a feature of the CS department Infosys system. For additional background on the Compo CPT policies see the 2010-2011 CPT policies section:

http://mscs.mum.edu/policy-manual.html#DE

1.3 Revision History

Date	Version	Description	Author
4-25-2011	Draft	Initial Draft with comments from Keith and Najeeb	Steve Nolle

2. Positioning

2.1 Problem Statement

The problem of	The current CPT reporting system does not inform students of their grades for CPT reports and the results are not forwarded to the MUM registrar with correct calculation of CPT credit for the students.
Affects	Students - do not know their CPT status and grades, and do not always get faculty comments and feedback Faculty – have to inform students of CPT report grade and comments Registrar – have to contact CS IT to confirm CPT credit CS IT – manually must update resubmitted CPT reports
The impact of which is	We estimate that up to 20% of the CPT reports submitted by students need to be revised or redone. Students with NPs for their CPT reports are frequently unaware of this fact and must scramble

	to get their credits in order to graduate. Student Visa status requires successful and timely completion of CPT credits.
A successful solution would be	The requirements for CPT reports should be clear and available to students. The grading of the CPT reports should be clear and easy to do online for faculty. Students CPT reports grade and their CPT credit should be easily available for the students to review and should be automatically submitted to the MUM registrar.

2.2 Product Position Statement

For	Students and Faculty and the MUM registrar
Who	Want to submit and grade CPT reports and allocate CPT credits
The CPT Report System	An extension of the Compro Infosys Software system
That	Enables online CPT report submission and grading and review of CPT credits.
Unlike	The existing CPT report system does not calculate CPT credits correctly, does not update the registrar, and does not provide the student with their CPT report grade, and does not filter out disqualified reports.
Our product	Provides students and faculty with a better CPT report management system and provides the registrar with accurate and current information on the student CPT credits.

3. Stakeholder Descriptions
3.1 Stakeholder Summary

Name	Description	Responsibilities
Student	A student who is on CPT and actively submitting reports.	Submit reports, view their report status and their CPT credit.
Faculty	Grade their advisees' CPT reports	Review and grade CPT reports as either a Pass or No Pass. Provide CPT reports comments/feedback.

Name	Description	Responsibilities
CPT Report Dev Team	Software development for the CPT Reports	Responsible for entire software life cycle of CPT Reports system.
Registrar	Record student CPT credit .	Collect and update students CPT credit.
CS Admin	Update or modify CPT report form and CPT email reminders.	Provide CPT report form questions and requirements and email reminder template .

3.2 User Environment

Students are submitting CPT Reports via access of the CS Infosys system. Faculty are grading the CPT Reports via the CS Infosys system. The MUM registrar is collecting CPT credits and grades for each student.

4. Product Overview

4.1 Product Perspective

This is an enhancement to the current CPT report system provided by Infosys.

4.2 Assumptions and Dependencies

- ➢ Students will continue to access this system via the Infosys system. However, this new CPT report system will require a separate login to access the new system.
- ➢ The CPT report system will access CoopDB as needed for the student work information – e.g. work start date and work end date.
- ➢ The CPT report system will access InfosysDB as needed for the student academic information – e.g. student ID.
- ➢ The CPT report system will use JPA 2.0 which will generate the schema for a new CPT report database. When deployed the new CPT DB will be populated as needed from data from InfosysDB and CoopDB.
- ➢ The CPT report system will use JSF which will provide an updated look and feel for the CPT report user interfaces. This is not a specific new requirement but will be provided as part of the required features.
- ➢ The CPT report system will use Java EE which provides solutions to multiple database transaction integrity. The approach used will be documented in the architectural handbook.

4.3 Needs and Features

This section defines and describes the features of the CPT Report System. Features are the high-level capabilities of the system that are necessary to deliver benefits to the users.

The most critical functional requirements can be summarized as follows: students should be able to submit CPT reports, modify the reports, and see their grade and faculty comments for their report. Faculty should be able to grade CPT reports and be sure that students will be informed of the grade and faculty comments. The MUM registrar should be informed of the student CPT credits for each student's CPT term.

Need	Priority	Features	Planned Release
Students submit CPT report	1	(1)CPT report is stored in CPT DB	1
Students modify a previously submitted CPT report prior to report deadline.	2	(2)Access CPT report and resubmit	2
Faculty grade report and provide comments.	1	(3)CPT report grade and comments stored in CPT DB	1
Student able to view report status, grades, and comments	1	(4)Access CPT report and comments stored in CPT DB	1
Faculty forward CPT report to another faculty for grading	1	(5)Assign and forward CPT report to faculty	1
Faculty notification of CPT reports needing grading	1	(6)Email reminder to faculty	1
Student requests resubmission of a report after grading. Faculty accepts/rejects the request.	2	(7)Resubmit request for an NP report sent to faculty. Response sent to students.	2
Email reminders sent to students for CPT reports.	1	(8)Automate email reminders for all student enrolled in CPT	1
Students and Admin review CPT credit	1	(9)Calculate, store and provide access to CPT credit in DB	1
Students CPT term corresponds to their CPT start date (not the DE semester dates.)	2	(10)CPT start date (i.e., intern job start date) stored and used by the CPT system	2
CPT credit calculation customized by CS Admin	3	(11)CPT Units assigned per weeks of work	1