SEEM 3430 Course Project: Information Systems Analysis and Design

Course Project: RCEP Online Transaction System

Phase II: System Analysis

Based on the requirements in phase I, suppose you **choose EHKD as the transaction currency**, please design the process modelling and data modelling for this **B2C commerce online transaction system**. You can amend the functional and non-functional requirements, which you have designed in phase I. You are reminded that phase II will be part of your final report and all content in the final report must be **consistent**.

Task I – Process Modeling (50%)

Create Data Flow Diagrams in Gane and Saron Symbol for all the functional and non-functional requirements. You can use multiple level(s) if necessary. Please make sure all terms are meaningful and well define.

Task II – Data Modeling (50%)

Create the Entity Relationship Diagrams for all data that flow through the online transaction system. All attributes must be in third normal form (3NF).

Deadline: **23:59:59 Nov 17, 2024**

Please submit your Phase II to BlackBoard in the form of pdf file. **No late submission will be accepted**.

According to the requirement of CUHK, every assignment handed in should be accompanied by a signed declaration. For group projects, all students of the same group should be asked to sign the declaration. For assignments in the form of a computer-generated document that is principally text-based and submitted via VeriGuide, the statement, in the form of a receipt, will be issued by the system upon students' uploading of the soft copy of the assignment. Assignments without the receipt will not be graded by teachers and TAs. Only the final version of assignment should be submitted via VeriGuide.

Declaration to be attached to assignments

For details please check:
http://www.cuhk.edu.hk/policy/academichonesty/Eng_htm_files_(2013-14)/index_page2.htm
https://www.cuhk.edu.hk/policy/academichonesty/Eng_htm_files_(2013-14)/p09.htm

~ end~