Final Project-Phase 3, COMP-3110 Fall 2019

Due Date: Nov 24, 2019 at 11:59 pm

Mark: 20% of the final mark.

Objectives: The goal of the project is to apply the concepts learned in class, i.e. project planning, system analysis and design, implementation and testing, and maintenance on a real-world problem to have better understanding of the concepts.

Tasks:

Task 1. Perform data modeling for your system and report the Entity Relationship Diagram for the system.

Task 2. Report the software and hardware specifications for your software system.

Task 3. Perform the detailed design activities for your system as follow:

a. Build and report the first-cut design class diagram.

b. For each use case, draw and report a design sequence diagram.

c. Draw and report a three-layer design class diagram.

d. Perform and report the interface design of your system.

e. Draw and report the table diagram for your system.

Task 4. To demonstrate your project, you need to book an appointment at one of the following times by contacting Ala Alam Falaki at alamfal@uwindsor.ca. **Note that all members of a group must attend the demonstration appointment**.

Project demonstration dates and times:

Monday, Nov. 25: 10:00 am, 10:45 am, 11:30 am, 12:15 pm, 1:30 pm, 2:45 pm, 3:30 pm.

Tuesday, Nov. 26: 10:00 am, 10:45 am, 11:30 am, 12:15 pm, 1:30 pm, 2:45 pm, 3:30 pm.

Wednesday, Nov. 27: 9:30 am, 10:15 am, 11:00 am, 5:00 pm, 5:45 pm, 6:30 pm, 7:15 pm.

Note: Each group should prepare an appropriate report for Phase 3 of the project. In the report, the role of each group member to complete the report should be clearly stated. All members of a group must submit the report. Obviously, the reports submitted by the members of a group are identical. **The report must contain the name and student id of all group members**. Any material used from other sources in the answers will **need to be properly cited**.

Submission:

1. You must submit a report (in **PDF**) which contains the answers to the tasks via the course website on the blackboard. You should upload only a single PDF file to the Blackboard. The file name should be in the following format: **GroupNameStudentID**.pdf.

2. Unlimited resubmissions are allowed. But the last submission will be considered for marking. It means that if you resubmit after the deadline, a penalty will be applied, even if you submitted an earlier version in time.

3. No extensions to the deadline will be granted. Any submission after the due date will receive a penalty of 10% for the first 24 hrs, and so on, for up to three days. After three days, the mark will be zero.