

CS 631 – Online Computer Store Project

Deliverable 2

- *Please do NOT submit a copy of your deliverable for every member of the group. Only ONE COPY FOR EACH GROUP should be submitted by one of the members of the group on or before the due date through Canvas.*
- *Please submit a single file (doc or pdf) with all your material (text, figures, images etc.).*
- *Please make sure that you write the Course and Section number (e.g., CS631-001), the name of the group members and the group number clearly on the first page of your deliverable.*

Requirements

Phase 2 Deliverable must contain the goal of this phase of the project, and a logical design of the database (resulting from the mapping of an EER schema to a Relational schema). It must describe any revisions made to the specification described in Phase 1 Deliverable. It must further describe the problems encountered in Phase 2 and justify the solutions.

For Phases 2 and 3, you will not be responsible for designing/implementing code for functions that are outside of the domain of the Online Computer Store.

What is expected:

1. Outline the goals for this phase and briefly mention any revisions made to the previous phase. If you have modified your EER diagram, turn in the modified copy.
2. EER to Relational mapping:
 - Illustrate how you translated from the EER diagram to your Relational schema. It should follow the EER to Relational algorithm.
 - Primary keys and foreign keys should be correctly identified on the relational database schema.
 - Show (in words) other keys.
 - Show constraints (in words) over and above referential integrity constraints for each table. E.g., "only gold and platinum customers can benefit from offers" is a constraint that must be checked before a discounted price is assigned to a product added to the basket by a user.
3. Identify any difficulties you may have had with this phase of the project.