

## CS 631 – Online Hotel Reservation System 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 Moodle.*
- *Please submit a single pdf file with all your material (text, figures, images etc.).*
- *Please print the pdf file and submit the hard copy on or before the due date either in class or slide it under the door of my office (GITC 4103).*
- *Please make sure that you write the Course and Section number, 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). Use the ER model provided as the solution of Phase 1 Deliverable to draw the Relational model in this phase. You 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 the description of the Online Hotel Reservation System provided.

*What is expected:*

1. Outline the goals for this phase and briefly mention any revisions made to the previous phase.
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.
3. Identify any difficulties you may have had with this phase of the project.