

CPSC 304 Project Cover Page

Milestone #: 1

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Group Number: 9

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By typing our names and student numbers in the above table, we certify that the work in the attached assignment was performed solely by those whose names and student IDs are included above. (In the case of Project Milestone 0, the main purpose of this page is for you to let us know your e-mail address, and then let us assign you to a TA for your project supervisor.)

In addition, we indicate that we are fully aware of the rules and consequences of plagiarism, as set forth by the Department of Computer Science and the University of British Columbia

Project Description:

The domain that we are going to model is hotel chain management. That is, we are going to focus on the data that is stored about the information of every hotel in the hotel chain.

We will focus on the information that is necessary for a hotel to operate. There are staff and managers working in each hotel to maintain the operation of the entire hotel. Both staff and managers of a hotel could be uniquely identified by their work numbers given the address and name of the hotel. Each hotel has a number of rooms for customers to book, which have different types and could be uniquely identified by room number given the hotel. Each hotel could also provide parking lot for the customers to park their cars. It also needs to regularly contact financial department, which would provide the hotel a financial summary for each day.

Customers are identified by their ID. They can book a room in advance and they may have cars that need to be parked in the parking lot the hotel provided. There are two subsets for customers: members and non-members, the members of a hotel chain have their membership number and they can enjoy some discounts and privileges compared to non-members.

This database application facilitates the management of the hotel chain for the hotel chain headquarters. A headquarter can check the financial status for each hotel by the financial summary provided by financial departments in order to decide how the funds should be distributed. This database application also enables the headquarter to directly perform management on human resources in the whole hotel chain. On the customer side, the application allows customers to book any rooms if available and access information of the room such as its room type and price.

This project will be done using the CPSC department's Oracle database system, using php.

ER Diagram:

