University of British Columbia, Vancouver
Department of Computer Science

CPSC 304 Project Cover Page

Milestone #: ___1____

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Project Description

The domain of our application will be in travel. We want to store various information about a trip that a customer can go on such as the city they visit, the hotel they stay at and the local tourist attractions they can go on.

The main focus will be on the customer and the itinerary of their trip. We will store the payment method, dates they are visiting, and what luggage they intend to bring. There will also be an Employee view available for people working for the travel agency. Travel agents will be able to reserve travel destinations, while tour guides can create tour groups and drivers can plan routes a customer could possibly take. This enables employees to see when and what places they will be working/ going and keep track of all customers.

Database Specification

This Database application will allow travel agencies to record data on trips, such as who is going, where they will be, and which employees are in charge of which trips. Even minor details, such as methods of transportation and who any luggage belongs to can be recorded. This allows companies to store and pull data about anything more easily, ensuring that everyone knows where to be next and no one loses any belongings. If any customer changes their mind at the last minute on where they want to go, the agency can tell if there are any other openings still available.

Application Platform

For this project we will be using the CPSC department's Oracle database system with PHP. We don't expect using any special software or hardware that is not supported by the course staff.

ER Diagram

ISA Constraints:
Total & Disjoint