**CEGEP VANIER COLLEGE**

**CENTRE FOR CONTINUING EDUCATION**

**Web Database Project**

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**Project Proposal – NEW HOTEL**

**Background and Justification:**

1. This project is based on the problem, when reserving a room in a hotel or a car reservation for a couple of days.
2. When using this project, we will significantly reduce the time when reserving a room in a hotel or car because all services will be on the same page of the site.
3. We save time for our customers and make our service more convenient to use.

**Aims and Objectives:**

1. Our goal is to save our client time
2. During the reservation of the hotel the menu should be convenient and easy to use, when choosing a room there should be an option:
3. Number of rooms available
4. From which date this room will be available
5. Number of beds and bathrooms
6. Possible with or without animals
7. To smoke or not

# Back End program for Hoteling

In our hoteling site each person can select a desired room type according to number and price which is listed in site. There is an extra fee for whom those like to use restaurant and rental car service.

# Tables

User

|  |  |
| --- | --- |
| User name | varChar |
| password | varChar |
| emailAdress | varChar |
| Tel number | varChar |

Reservation

|  |  |
| --- | --- |
| User name | varchar |
| Number of person | Number |
| Room type | Number |
| Arrival Date | date |
| Departure Date | date |
| foodIncluded | boolean |
| carIncluded | id |

Room

|  |  |
| --- | --- |
| Room type | varchar |
| id | Number |
| price | Float |

Foods

|  |  |
| --- | --- |
| id | Number |
| name | varChar |
| price | Float |
| type | varchar |

Car

|  |  |
| --- | --- |
| id | Number |
| name | varchar |
| price | Float |

# Functions

1 – login

Each person who reserve a room in hotel, can create an account. When a person login it is possible for her/him to order from restaurant or rent car.

2 – search

It is possible for each user to search inside restaurant for especial food or search inside car Rental service for an especial car.

3 – billing

Each person should pay for room and also for food and car (which is optional)