**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 of Database newhotel:**

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Description generated with very high confidence

**User 1**

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

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**Reservation**

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

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**Room**

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

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Foods

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

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**Car**

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

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# 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)

**Software and Hardware requirements**

**XAMPP**

**Notepad++**

**Microsoft Word**

**Power Point**

**LocalHost/PHPMyadmin –** for database

**Programming Languages**

**PHP**

**My SQL Query**

**HTML**

**Java Script**

**References :**

**Google.com/images+for+hotels**

[**www.booking.com/dubai+hotels**](http://www.booking.com/dubai+hotels)

**localhost/phpMyAdmin**

**Product main (business logic) requirement**

This site was created for tourism, the logic is that if the customer visited the site after viewing our menu or photos of our rooms, he would like to register on the site.