

| Attributs | Type | Size | Category | Comments |
|-------------------------------|---------|--------|----------------|--------------------------------|
| Staff_Id | Integer | 10 | technical | Identify a staff member |
| FirstName | Text | 1000 | Buisness logic | |
| Surname | Text | 1000 | Buisness logic | |
| Sex | Text | 1 | Buisness logic | |
| Birth_Date | Date | 10 | Buisness logic | |
| Birth_Town | Text | 100 | Buisness logic | |
| Birth_Country | Text | 100 | Buisness logic | |
| Nationality | Text | 100 | Buisness logic | |
| Additional_address | Text | 1000 | Buisness logic | |
| Way_Number | Integer | 10000 | Buisness logic | |
| Way_Name | Text | 1000 | Buisness logic | |
| Way_Type | Text | 10 | Buisness logic | |
| Post_Code | Text | 10 | Buisness logic | |
| Floor | Integer | 5 | Buisness logic | |
| Bulding | Text | 5 | Buisness logic | |
| Town | Text | 50 | Buisness logic | |
| Country | Text | 50 | Buisness logic | |
| Home_Number | Integer | 20 | Buisness logic | |
| Mobile_Number | Integer | 20 | Buisness logic | |
| E-mail | Text | 20 | Buisness logic | |
| Marital_Status (CC) | Text | 10 | Buisness logic | |
| Number_of_Children (CC) | Integer | 2 | Buisness logic | |
| Mother_Tongue | Text | 10 | Buisness logic | |
| Foreign_Language1 | Text | 10 | Buisness logic | |
| Foreign_Language2 | Text | 10 | Buisness logic | |
| Foreign_Language3 | Text | 10 | Buisness logic | |
| Studies_Level | Text | 50 | Buisness logic | |
| Professional_Qualification | Text | 50 | Buisness logic | |
| Contract_Type (CC) (cadre...) | Text | 50 | Buisness logic | |
| Function_Id | Integer | 10 | technical | Identify a function |
| Function_Label | Text | 50 | Buisness logic | |
| Procurement_Id | Integer | 10 | technical | Identify a procurement request |
| Date_Procurement_request | Date | 10 | Buisness logic | |
| Product_Id | Integer | 10 | technical | Identify a product |
| Product_Label | Text | 50 | Buisness logic | |
| Unit_Price_Product | Float | 10000 | Buisness logic | |
| Total_Price_Product | Float | 100000 | Buisness logic | |
| Quantity_per_Product | Integer | 100000 | Buisness logic | |
| Date_Beginning_Contract | Date | 10 | Buisness logic | |
| Date_End_Contract | Date | 10 | Buisness logic | |
| Seniority | Integer | 2 | Buisness logic | |
| Actual_Working_Day | Integer | 2 | Buisness logic | |
| Actual_Working_Week | Integer | 2 | Buisness logic | |
| Actual_Working_Month | Integer | 2 | Buisness logic | |
| Actual_Working_Year | Integer | 4 | Buisness logic | |
| Contractual_Working_Day | Integer | 2 | Buisness logic | |
| Contractual_Working_Week | Integer | 2 | Buisness logic | |
| Contractual_Working_Month | Integer | 2 | Buisness logic | |
| Contractual_Working_Year | Integer | 4 | Buisness logic | |
| Overtime | Integer | 2 | Buisness logic | |
| Service_Id | Integer | 5 | Technical | |

Staff_56

| | | |
|-------------------------------|---------|-------------------|
| Service_Label | Text | 10 Buisness logic |
| Conventions_Collectives_Id | Integer | 10 technical |
| Conventions_Collectives_Label | Text | 10 Buisness logic |
| Area_id | Integer | 10 technical |
| Nb_of_hours_max_CC | Integer | |

Hotel_19

| Attributs | Type | Size | Category | Comments |
|------------------------|---------|------|----------------|--------------------|
| Hotel_id | Integer | 5 | Business Logic | |
| Hotel_name | Text | 15 | Technical | |
| Budget | Integer | 6 | Business Logic | |
| NB_of_employees | Integer | 3 | Business Logic | |
| way_Number | Integer | 5 | Business Logic | |
| way_type | Text | 15 | Business Logic | |
| way_name | Text | 15 | Business Logic | |
| Post_code | Integer | 5 | Business Logic | |
| Town | Text | 15 | Business Logic | |
| Country | Text | 15 | Business Logic | |
| Hotel_manager | Integer | 10 | Technical | This is a Staff_id |
| Nb_of_Rooms | Integer | 2 | Business Logic | |
| Nb_of_Conference_rooms | Integer | 2 | Business Logic | |
| Nb_of_Lifts | Integer | 2 | Business Logic | |
| Nb_of_Stars | Integer | 2 | Business Logic | |
| Phone_Number | Integer | 10 | Business Logic | |
| E-Mail | Text | 50 | Business Logic | |
| Time_of_arrival | Heure | 5 | Business Logic | |
| Time_of_departure | Heure | 5 | Business Logic | |
| Cash_Box_amount | | | | |

Service_6

| Attributs | Type | Size | Category | Comments |
|---------------------|---------|------|----------------|-----------------------------|
| Service_id | Integer | 5 | Technical | |
| Service_label | Text | 10 | Business Logic | |
| Service_Manager | Integer | 10 | Technical | This is a Staff_id |
| Time_of_beginning | Heure | 5 | Business Logic | |
| Time_of_end | Heure | 5 | Business Logic | |
| Number_of_employees | Integer | 3 | Business Logic | Like in Hotel or Department |

Department_5

| Attributs | Type | Size | Category | Comments |
|-----------------|---------|------|----------------|--------------------------|
| Dept_id | Integer | 5 | Technical | |
| Dept_Label | Text | 10 | Business logic | |
| Head_id | Integer | 10 | Technical | This is a Staff_id |
| Nb_of_Employees | Integer | 3 | Business logic | Like in Service or Hotel |
| Budget | Integer | 6 | Business logic | Like in Hotel |

Products_9

| Attributs | Type | Size | Category | Comments |
|-----------------------|---------|------|----------------|-----------------------------------------------------|
| Product_id | Integer | 5 | Technical | |
| Product_Label | Text | 10 | Business Logic | |
| Product_getting_date | Date | 10 | Business Logic | |
| Number_in_stock | Integer | 2 | Business Logic | |
| Product_price_buying | Integer | 4 | Business Logic | |
| Amount_procurement | Integer | 4 | Business Logic | |
| Product_price_selling | Integer | 4 | Business Logic | |
| Seuil_procurement | Integer | 4 | Business Logic | |
| Place_id | Integer | 5 | Business Logic | Location of the product (Room, Stock, Restaurant) |

Bed_rooms_9

| Attributs | Type | Size | Category | Comments |
|-----------------------|---------|------|----------------|-----------------------|
| Floor_number | Integer | 1 | Business Logic | |
| Room_number | Integer | 5 | Business Logic | |
| Room_type | Integer | 5 | Business Logic | |
| Room_daily_rate | Integer | 5 | Business Logic | |
| Flat_fee_per_bed | Integer | 5 | Business Logic | |
| Legal capacity | Integer | 2 | Business Logic | |
| RFID_card_reader_Code | Integer | 10 | Business Logic | |
| Vault_code | | | | |
| Disponibility | | | | Flag available or not |

| Attributs | Type | Size | Category | Comments |
|----------------------------|---------|------|----------------|----------|
| Guest_id | Integer | 5 | Technical | |
| gust_name | Text | 10 | Buisness Logic | |
| guest_surname | Text | 10 | Buisness Logic | |
| guest_birthday | Date | 10 | Buisness Logic | |
| Additional_address | Text | 15 | Buisness Logic | |
| way_Number | Text | 15 | Buisness Logic | |
| war_Type | Text | 10 | Buisness Logic | |
| way_name | Text | 10 | Buisness Logic | |
| Post_Code | Integer | 5 | Buisness Logic | |
| Town | Text | 10 | Buisness Logic | |
| Country | Text | 5 | Buisness Logic | |
| Floor | Integer | 2 | Buisness Logic | |
| Building | Text | 5 | Buisness Logic | |
| Home_number | Integer | 5 | Buisness Logic | |
| Mobile_number | Integer | 10 | Buisness Logic | |
| E-mail | Text | 20 | Buisness Logic | |
| MotherTongue | Text | 10 | Buisness Logic | |
| Date_credit_card | Date | 10 | Buisness Logic | |
| Cryptogramm | Integer | 5 | Buisness Logic | |
| Credit_card_number | Integer | 5 | Buisness Logic | |
| Number_of_preauthorisation | Integer | 5 | Buisness Logic | |

| Attributs | Type | Size | Category | Comments |
|-------------------|---------|------|----------------|----------|
| Booking_id | Integer | 5 | Technical | |
| Number_of_guests | Integer | 2 | Business Logic | |
| Date_of_beginning | Date | 10 | Business Logic | |
| Date_of_end | Date | 10 | Business Logic | |
| Number_of_day | | 2 | Business logic | |

Restaurant_15

| Attributs | Type | Size | Category | Comments |
|---------------------------|---------|------|----------------|---------------------------------------|
| Table_legal_capacity | Integer | 3 | Technical | |
| Restaurant_id | Integer | 5 | Buisness Logic | |
| Menu_id | Integer | 5 | Technical | |
| Menu_type | Integer | 5 | Technical | |
| dish_id | Integer | 5 | Technical | |
| dish_price | Integer | 5 | Buisness Logic | Price map |
| Menu_price | Integer | 2 | Buisness Logic | |
| Restaurant_legal_capacity | Integer | 3 | Buisness Logic | |
| nb_of_table | Integer | 2 | Buisness Logic | |
| nb_of_employees | Integer | 4 | Buisness Logic | |
| Table_id | Integer | 3 | Technical | |
| Area_id | Integer | 2 | Technical | |
| Menu_Label | Text | 2 | Buisness Logic | |
| Available_dish | Text | 3 | Flag | |
| Table available | Text | 1 | Flag | Flag if the table is available or not |

Swimming-Pool_7

| Attributs | Type | Size | Category | Comments |
|--------------------------------|---------|------|----------------|-------------|
| Contractor details | Text | 30 | Business logic | Provider Id |
| ph Levels | Integer | 2 | Business logic | |
| chlorine levels | Integer | 2 | Business logic | |
| TA factor | Integer | 2 | Business logic | |
| TH factor | Integer | 2 | Business logic | |
| Salt Levels | Integer | 2 | Business logic | |
| Bacterion/Viral sample results | Text | 20 | Business logic | |

| Attributs | Type | Size | Category | Comments |
|---------------------|---------|------|----------------|----------|
| Date | Date | 10 | Business logic | |
| Cost_per_beautician | Integer | 3 | Business logic | |

Complains_4

| Attributs | Type | Size | Category | Comments |
|-------------------------|---------|------|----------------|----------|
| Guest_Id | Integer | 4 | Technical | |
| Date | Date | 10 | Business logic | |
| Department(s) concerned | Text | 10 | Business logic | |
| Description | Text | 200 | Business logic | |

| Attributs | Type | Size | Category | Comments |
|-----------------|---------|------|----------------|----------|
| compensation_id | Integer | 5 | Technical | |
| Date | Date | 10 | Business logic | |
| Object | Text | 50 | Business logic | |
| Amount | Integer | 4 | | |

BedRoom Type_2

| Attributs | Type | Size | Category | Comments |
|-----------------|---------|------|----------------|----------|
| Room_type_id | Integer | 4 | Technical | |
| Room_Type_label | Text | 10 | Business logic | |

WelcomePack_2

| Attributs | Type | Size | Category | Comments |
|-------------------|---------|------|----------------|----------|
| WelcomePack_id | Integer | 5 | Technical | |
| WelcomePack_Label | Text | 10 | Business logic | |

| Attributs | Type | Size | Category | Comments |
|-----------|---------|------|----------------|----------|
| HT_Price | Integer | 5 | Business logic | |
| TTC_Price | Integer | 5 | Business logic | |
| TVA_Rate | Integer | 5 | Business logic | |

Order_3

| Attributs | Type | Size | Category | Comments |
|---------------|---------|------|----------------|--------------------------------------|
| Order_id | Integer | 4 | Technical | |
| Total_cost | Integer | 5 | Business logic | |
| Type_of_order | Text | 1 | Flag | Modification, cancellation, Creation |

Laundry_12

| Attributs | Type | Size | Category | Comments |
|-------------------------|---------|------|----------------|---------------|
| Price_total | Integer | 3 | Business logic | |
| Date input laundry | Date | 10 | Business logic | |
| List_of_items_available | | | | List products |
| Dry_cleaning | Integer | 1 | Flag | |
| Ironing | Integer | 1 | Flag | |
| Cold_cleaning | Integer | 1 | Flag | |
| Hot_cleaning | Integer | 1 | Flag | |
| Treaty or not | Integer | 1 | Flag | |
| Type_of_items | Integer | 2 | Flag | |
| Price_per_items | Integer | 2 | Business logic | |
| Price_type_of_cleaning | Integer | 2 | Business logic | |
| Price for Ironing | Integer | 2 | Business logic | |

Golf_7

| Attributs | Type | Size | Category | Comments |
|-----------------|---------|------|----------------|-----------------------------------------|
| Points_per_hole | Integer | 1 | Business logic | |
| Total_Points | Integer | 2 | Business logic | |
| Hole_id | Integer | 5 | Technical | |
| legal_capacity | Integer | 2 | Business logic | |
| Area | Integer | | | Question il n'y en a qu'une normalement |
| player_name | Text | 20 | Business logic | Concaténation guest_id+n° |
| player_surname | Text | 20 | Business logic | |

| Attributs | Type | Size | Category | Comments |
|-------------------|---------|------|----------------|----------|
| Hour_of_beginning | Date | 8 | Business logic | |
| Hour_of_end | Date | 8 | Business logic | |
| Number_of_person | Integer | 3 | Business logic | |
| Theme | Text | 20 | Business logic | |
| Legal_capacity | Integer | 3 | Business logic | |
| Area | Integer | 1 | Business logic | |
| Played_id | Integer | 4 | Technical | |
| Played_name | Text | 20 | Business logic | |
| player_surname | Text | 20 | Business logic | |

Conference room_7

| Attributs | Type | Size | Category | Comments |
|--------------------------------|---------|------|----------------|----------|
| Conference_Room_id | Integer | 5 | Technical | |
| Conference_Room_Label | Text | 20 | Business logic | |
| Legal_capacity_for_conferences | Integer | 3 | Business logic | |
| Legal_capacity_for_meals | Integer | 3 | Business logic | |
| Legal_capacity_for_cocktails | Integer | 3 | Business logic | |
| Legal_capacity_for_meetings | Integer | 3 | Business logic | |
| Area | Integer | 4 | Business logic | Surface |

Order Line_1

| Attributs | Type | Size | Category | Comments |
|-----------|---------|------|----------------|----------|
| Line_cost | Integer | 5 | Business logic | |

Sitting_4

| Attributs | Type | Size | Category | Comments |
|---------------------|---------|------|----------------|--------------------------|
| Moment | Text | 10 | Business logic | (Breakfast, lunch ...) |
| Time_of_beginning | Date | 8 | Business logic | |
| Time_of_end | Date | 8 | Business logic | |
| Medium_sitting_last | Integer | 5 | Business logic | Durée moyenne service |

| Attributs | Type | Size | Category | Comments |
|-----------|---------|------|----------------|----------|
| Stock_id | Integer | 5 | Technical | |
| Capacity | Integer | 3 | Business logic | |
| Service | Text | 10 | Business logic | |

| Attributs | Type | Size | Category | Comments |
|---------------|---------|------|----------------|----------|
| Provider_id | Integer | 3 | Technical | |
| Provider_name | Text | 50 | Business logic | |
| way_number | Integer | 3 | Business logic | |
| way_type | Text | 10 | Business logic | |
| way_name | Text | 50 | Business logic | |
| Post_code | Integer | 5 | Business logic | |
| town | Text | 50 | Business logic | |
| Country | Text | 20 | Business logic | |
| Floor | Integer | 2 | Business logic | |
| Building | Integer | 1 | Business logic | |
| Phone_number | Integer | 10 | Business logic | |
| E-mail | Text | 60 | Business logic | |
| Delivery_time | Date | 8 | Business logic | |

| Attributs | Type | Size | Category | Comments |
|-------------------|---------|------|----------------|----------|
| Wine_id | Integer | 2 | Technical | |
| Wine_label | Text | 10 | Business logic | |
| Color | Text | 10 | Business logic | |
| Year | Date | 4 | Business logic | |
| Country | Text | 10 | Business logic | |
| County | Text | 10 | Business logic | |
| Temperature | Integer | 2 | Business logic | |
| Alcohol_Level | Integer | 2 | Business logic | |
| Sparkling_or_flat | Integer | 1 | Flag | |

| Attributs | Type | Size | Category | Comments |
|-------------|---------|------|----------------|----------|
| Bottle_type | Integer | 5 | Business logic | |
| Volum | Integer | 2 | Business logic | |

Discount_4

| Attributs | Type | Size | Category | Comments |
|-------------------|---------|------|----------------|----------|
| Discount_id | Integer | 5 | Technical | |
| Amount_in_percent | Integer | 2 | Business logic | |
| Date_of_beginning | Date | 10 | Business logic | |
| Date_of_end | Date | 10 | Business logic | |

| Attributs | Type | Size | Category | Comments |
|----------------|---------|------|----------------|----------|
| CareMenu_id | Integer | 5 | Technical | |
| CareMenu_label | Text | 20 | Business logic | |
| CareMenu_price | Text | 10 | Business logic | |
| Care_menu_last | Text | 5 | Business logic | |
| Nb_of_care | Integer | 2 | Business logic | |

| Attributs | Type | Size | Category | Comments |
|------------------|---------|------|----------------|--------------|
| Bill_id | Integer | 5 | Technical | |
| Total_price | Integer | 5 | Business logic | |
| Paid or not paid | Integer | 1 | Flag | Ok or not ok |

| Attributs | Type | Size | Category | Comments |
|------------------|---------|------|----------------|----------|
| Product_quantity | Integer | 2 | Business logic | |
| Line Price | Integer | 5 | Business logic | |

| Attributs | Type | Size | Category | Comments |
|-------------------|---------|------|----------------|----------|
| Treatment_romm_id | Integer | 5 | Technical | |
| Capacity | Integer | 5 | Business logic | |

| Attributs | Type | Size | Category | Comments |
|------------------|---------|------|----------------|----------|
| Care_id | Integer | 5 | Technical | |
| Care_price | Integer | 2 | Business logic | |
| Care_last | Integer | 5 | Business logic | |
| Care_description | Text | 100 | Business logic | |

Newspapers_4

| Attributs | Type | Size | Category | Comments |
|----------------------|---------|------|----------------|------------------------|
| Newspapers_name | Text | 10 | Business logic | |
| Newspapers_id | Integer | 5 | Technical | |
| Newspapers_type | Text | 10 | Business logic | Sport, economic... |
| Newspapers_Frequency | Text | 10 | Business logic | Daily, weekly, monthly |