

CPNV

Hôtel@SC-C214-PC13v2

Data Dictionary

22.01.2021

TRIAL

TRIAL

Table of contents

Hôtel@SC-C214-PC13 6

1. Tables 6

1.1. Table: Clients 6

1.2. Table: Collaborators 6

1.3. Table: Collaborators_clean_Rooms 7

1.4. Table: Collaborators_has_Clients 7

1.5. Table: Hotels 8

1.6. Table: Invoice 8

1.7. Table: Invoice_has_Services 9

1.8. Table: Reservations 9

1.9. Table: Rooms 10
























1.10. Table: Services 10

2. Views 11

2.1. View: V_Hôtel 11

TRIAL












Legend

-  Primary key
-  Primary key disabled
-  User-defined primary key
-  Unique key
-  Unique key disabled
-  User-defined unique key
-  Active trigger
-  Disabled trigger
-  Many to one relation
-  User-defined many to one relation
-  One to many relation
-  User-defined one to many relation
-  Many to many relation
-  User-defined many to many relation
-  One to one relation
-  User-defined one to one relation
-  Input
-  Output
-  Input/Output
-  Uses dependency
-  User-defined uses dependency
-  Used by dependency
-  User-defined used by dependency

1. Tables

1.1. Table: Clients

Columns

		Name	Data type	Description / Attributes
		id	int	Identity / Auto increment
		Name	varchar(45)	
		Firstname	varchar(45)	
		Phone	varchar(60)	
		Email	varchar(100)	
		Adress	varchar(100)	Nullable
		Invoice_id	int	References: Invoice





Links to

	Table	Join	Title / Name / Description
	Invoice	ClientsInvoice_id = Invoiceid	FK_Hôtel_invoice

Linked from





	Table	Join	Title / Name / Description
	Collaborators_has_Clients	Clientsid = Collaborators_has_Clientsclients_id	FK_Hôtel_Collaborators
	Collaborators_has_Clients	ClientsInvoice_id = Collaborators_has_ClientsClients_Invoice_id	FK_Hôtels_Clients2
	Reservations	ClientsInvoice_id = ReservationsClients_invoice_id	FK_Hôtel_clients4
	Reservations	Clientsid = ReservationsClients_id	FK_Hôtel_Clients1





Unique keys

		Name / Description
	id	PK_Clients__3213E83F0FB73111
	Invoice_id	uniq
	Phone	UQ_Clients__5C7E359E429196DA
	Email	UQ_Clients__A9D1053445A99C2E

1.2. Table: Collaborators

Columns

		Name	Data type	Description / Attributes
		id	int	Identity / Auto increment
		Name	varchar(45)	
		FirstName	varchar(45)	

		Name	Data type	Description / Attributes
		PhoneNumber	int	
		AVS	int	

Linked from






	Table	Join	Title / Name / Description
←	Collaborators_clean_Rooms	Collaborators id = Collaborators_clean_Roomscollaborators_id	FK_hôtel_collaborators1
←	Collaborators_has_Clients	Collaborators id = Collaborators_has_Clientscollaborators_id	FK_Hôtel_Clients

Unique keys

		Name / Description
	id	PK__Collabor__3213E83FC40A2FA2
	PhoneNumber	UQ__Collabor__85FB4E383C2BD4DE
	AVS	UQ__Collabor__C69790585F17E0D1

1.3. Table: Collaborators_clean_Rooms

Columns

		Name	Data type	Description / Attributes
		id	int	Identity / Auto increment
		collaborators_id	int	Nullable References: Collaborators
		Rooms_id	int	Nullable
		reservations_id	int	Nullable References: Reservations

Links to




	Table	Join	Title / Name / Description
➤	Collaborators	Collaborators_clean_Rooms collaborators_id = Collaboratorsid	FK_hôtel_collaborators1
➤	Reservations	Collaborators_clean_Rooms reservations_id = Reservationsid	FK_Hôtel_Collaborators2



Unique keys

		Name / Description
	id	PK__Collabor__3213E83F367A2026

1.4. Table: Collaborators_has_Clients

Columns

		Name	Data type	Description / Attributes
		id	int	Identity / Auto increment
		collaborators_id	int	Nullable References: Collaborators

		Name	Data type	Description / Attributes
		clients_id	int	Nullable References: Clients
		Clients_Invoice_id	int	Nullable References: Clients

Links to








	Table	Join	Title / Name / Description
➤	Clients	Collaborators_has_Clients clients_id = Clientsid	FK_Hôtel_Collaborators
➤	Clients	Collaborators_has_Clients Clients_Invoice_id = ClientsInvoice_id	FK_Hôtels_Clients2
➤	Collaborators	Collaborators_has_Clients collaborators_id = Collaboratorsid	FK_Hôtel_Clients

Unique keys

		Name / Description
	id	PK_Collabor__3213E83F97AEC3A3

1.5. Table: Hotels

Columns

		Name	Data type	Description / Attributes
		id	int	Identity / Auto increment
		Name	varchar(45)	
		Rooms	int	
		Stars	int	Nullable
		Adress	varchar(100)	
		PhoneNumber	varchar(60)	

Linked from






	Table	Join	Title / Name / Description
➤	Rooms	Hotels id = RoomsHotels_id	FK_Hôtel_Hotels

Unique keys

		Name / Description
	id	PK_Hotels__3213E83FD4D51C2D

1.6. Table: Invoice

Columns

		Name	Data type	Description / Attributes
		id	int	Identity / Auto increment
		Number	int	
		Amount	int	

Linked from

	Table	Join	Title / Name / Description
←	Clients	Invoice id = ClientsInvoice_id	FK_Hôtel_invoice
←	Invoice_has_Services	Invoice id = Invoice_has_ServicesInvoice_id	FK_Hôtel_Invoice1

Unique keys

		Name / Description
🔑	id	PK_Invoice__3213E83F1D9FC1AD
🔑	Number	UQ_Invoice__78A1A19D5E443074

1.7. Table: Invoice_has_Services

Columns

		Name	Data type	Description / Attributes
📋	🔑	id	int	Identity / Auto increment
📋		Invoice_id	int	Nullable References: Invoice
📋		Services_id	int	Nullable References: Services

Links to

	Table	Join	Title / Name / Description
➔	Invoice	Invoice_has_Services Invoice_id = Invoiceid	FK_Hôtel_Invoice1
➔	Services	Invoice_has_Services Services_id = Servicesid	FK_Hôtel_Services

Unique keys

		Name / Description
🔑	id	PK_Invoice__3213E83FED52A8F6

1.8. Table: Reservations

Columns

		Name	Data type	Description / Attributes
📋	🔑	id	int	Identity / Auto increment
📋	🔑	Number	int	
📋		Checkin	date	
📋		checkout	date	
📋		NumberOfpeople	int	
📋		Clients_id	int	Nullable References: Clients
📋		Clients_invoice_id	int	Nullable References: Clients
📋		Services_id	int	Nullable

Links to

	Table	Join	Title / Name / Description
➤	Clients	Reservations Clients_id = Clientsid	FK_Hôtel_Clients1
➤	Clients	Reservations Clients_invoice_id = ClientsInvoice_id	FK_Hôtel_clients4

Linked from

	Table	Join	Title / Name / Description
➤	Collaborators_clean_Rooms	Reservations id = Collaborators_clean_Roomsreservation_s_id	FK_Hôtel_Collaborators2
➤	Rooms	Reservations id = RoomsReservations_id	FK_hôtel_reservations

Unique keys

		Name / Description
🔑	id	PK_Reservat__3213E83FDE35DB88
🔑	Number	UQ_Reservat__78A1A19DD0D9F299

1.9. Table: Rooms

Columns

		Name	Data type	Description / Attributes
📋	🔑	id	int	Identity / Auto increment
📋	🔑	Number	int	
📋		Floor	int	
📋		NumberOfBeds	int	
📋		Hotels_id	int	References: Hotels
📋		Reservations_id	int	References: Reservations

Links to







	Table	Join	Title / Name / Description
➤	Hotels	Rooms Hotels_id = Hotelsid	FK_Hôtel_Hotels
➤	Reservations	Rooms Reservations_id = Reservationsid	FK_hôtel_reservations

Unique keys

		Name / Description
🔑	id	PK_Rooms__3213E83FC3D12AD7
🔑	Number	UQ_Rooms__78A1A19D300DD8BB

1.10. Table: Services

Columns

		Name	Data type	Description / Attributes
		id	int	Identity / Auto increment
		Description	varchar(450)	
		Price	int	
		Category	varchar(500)	Nullable

Linked from

	Table	Join	Title / Name / Description
←	Invoice_has_Services	Servicesid = Invoice_has_ServicesServices_id	FK_Hôtel_Services











Unique keys

		Name / Description
	id	PK__Services__3213E83F6C56CF24
	Description	UQ__Services__4EBBBAC996F5B600

2. Views

2.1. View: V_Hôtel

Columns

		Name	Data type	Description / Attributes
		Invoice	int	Nullable
		Clients	int	Nullable
		Reservation	int	Nullable
		Collaborators	int	Nullable
		Hotels	int	Nullable
		Rooms	int	Nullable
		Services	int	Nullable
		Collaborators_clean_Rooms	int	Nullable
		Collaborators_has_Clients	int	Nullable
		Invoice_has_Services	int	Nullable