

# Data Dictionary - Hotel Management System

## 1.Staff

Sr.no	Field Name	Data Type	Width	Required	Unique	PK/FK	Referenced Table	Description
1	Staff_Id	Number	4	Yes	Yes	PK		Auto Increment
2	Name	Varchar	30	Yes				
3	Email	Varchar	30					
4	Contact_No	Number	4	Yes				
5	Address	Varchar	100	Yes				
6	Designation	Varchar	20	Yes				
7	Salary	Number	4					
8	Password	Varchar	15	Yes				
9	BirthDate	Date						
10	Join_Date	Date						

## 2.Room

Sr.no	Field Name	Data Type	Width	Required	Unique	PK/FK	Referenced Table	Description
1	Room_Number	Number	4	Yes	Yes	PK		Auto Increment
2	Room_Type_Id	Number	4	Yes		FK	Room Type	
3	Current_Status	Varchar	10					

## 3.Room Type

Sr.no	Field Name	Data Type	Width	Required	Unique	PK/FK	Referenced Table	Description
1	Room_Type_Id	Number	4	Yes	Yes	PK		Auto Increment
2	Price	Number	4	Yes				
3	Adults	Number	4					
4	Children	Number	4					

## 4. Services

Sr.no	Field Name	Data Type	Width	Required	Unique	PK/FK	Referenced Table	Description
1	Service_Id	Number	4	Yes	Yes	PK		Auto Increment
2	Name	Varchar	4	Yes				
3	Price	Number	4	Yes				
4	Stock	Number	4	Yes				

5.Guest								
Sr.no	Field Name	Data Type	Width	Required	Unique	PK/FK	Referenced Table	Description
1	Guest_Id	Number	4	Yes	Yes	PK		Auto Increment
2	Reservation_ID	Number	4	Yes		FK	Reservation	
3	Name	Varchar	30	Yes				
4	Email	Varchar	30					
5	Contact_No	Number	4	Yes				
6	Age	Number	4	Yes				
7	Document_Id	Number	4	Yes		FK	Document	

6.Document								
Sr.no	Field Name	Data Type	Width	Required	Unique	PK/FK	Referenced Table	Description
1	Document_Id	Number	4	Yes	Yes	PK		Auto Increment
2	Document Type	Varchar	30	Yes				
3	Document Number	Varchar	30					

7.Payment								
Sr.no	Field Name	Data Type	Width	Required	Unique	PK/FK	Referenced Table	Description
1	Payment_Id	Number	4	Yes	Yes	PK		Auto Increment
2	Payment Type	Varchar	30	Yes				
3	Amount	Varchar	30					
4	Reservation_ID	Number	4	Yes		FK	Reservation	
5	Guest_Id	Number	4	Yes		FK	Guest	

8.Reservation								
Sr.no	Field Name	Data Type	Width	Required	Unique	PK/FK	Referenced Table	Description
1	Reservation_ID	Number	4	Yes	Yes	PK		Auto Increment
2	Check In	Date		Yes				
3	Check Out	Date		Yes				
4	Time Period	Number	4					

9.Room_Reservation								
Sr.no	Field Name	Data Type	Width	Required	Unique	PK/FK	Referenced Table	Description
1	Reservation_ID	Number	4	Yes	Yes	FK	Reservation	

2	Room_Number	Number	4	Yes	Yes	FK	Room	
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### 10.Guest \_Reservation

Sr.no	Field Name	Data Type	Width	Required	Unique	PK/FK	Referenced Table	Description
1	Reservation_ID	Number	4	Yes	Yes	FK	Reservation	
2	Guest_ID	Number	4	Yes	Yes	FK	Guest	

### 11.Service Order

Sr.no	Field Name	Data Type	Width	Required	Unique	PK/FK	Referenced Table	Description
1	Reservation_ID	Number	4	Yes	Yes	FK	Reservation	
2	Service_ID	Number	4	Yes	Yes	FK	Service	
3	Quantity	Number	4	Yes				

### 12.Bill

Sr.no	Field Name	Data Type	Width	Required	Unique	PK/FK	Referenced Table	Description
1	Reservation_ID	Number	4	Yes	Yes	FK	Reservation	
2	Total Amount	Number	4	Yes	Yes	FK	Service	
3	Payment_Id	Number	4	Yes		FK	Payment	
4	Guest_Id	Number	4	Yes		FK	Guest	