

Query Design

1. qryDeleteBookingAppend Query

Before Deleting a Booking, This query will first store the above shown Booking Details to tblBookingCancelation Table. This will be easier for the organisation to know what Booking was removed from the Database.

Query Type : Append Query

Field : BookingID, GuestID, RoomID and ExtraChargeID. From Table tblBookingDetails.

Query Criteria : [Enter BookingID]

Append To : Table tblBookingCancelation.

2. qryDeleteBooking Query

After the Booking Details are been stored, this query will delete the Booking Details from the Database.

Query Type : Delete Query

Field : BookingID. From Table tblBookingDetails.

Query Criteria : [Enter BookingID]

Delete : WHERE (((tblBookingDetails.BookingID)=[Enter BookingID]));

3. qryPayUpdate Query

This query will store the below shown Details to Table tblPayUpdate.

Query Type : Append Query

Field : PaymentID, GuestID, BookingID, RoomID, ExtraChargeID, TotalCost. From Query qryPaymentDetailsExtended.

Append To : Table tblPayUpdate.

4. qryPaymentDetailsExtended Query

This query will be used for displaying all the Payment Details.

Field : From Table tblRoomDetails - CostPerNight. From Table tblBookingDetails - RoomID, GuestID, BookingID, ExtraChargeID, NoOfNights. From Table tblPaymentDetails - PaymentID, CardHoldersFirstName, CardHoldersLastName, CreditCardType, CreditCardNumber, ExpiryDate. From Table tblExtraChargeDetails – Amount. Total Cost: [CostPerNight]*[NoOfNights]+[Amount].

5. qryBookingDetailsExtended Query

This query will be used for displaying all the Booking Details.

Field : From Table tblBookingDetails - BookingID, RoomID, GuestID, NoOfAdults, NoOfChildren, NoOfNights, CheckInDate, CheckinTime, CheckOutDate,

CheckoutTime and ExtraChargeID. From Table tblRoomDetails – RoomNumber and Type.

6. qryExtraChargeExtended Query

This query will be used displaying the Extra Charge Details.

Field : ExtraChargeID, Item and Amount. From Table tblExtraChargeDetails.

7. qryGuestDetailsExtended Query

This query will be used for displaying the Guest Details.

Field : GuestID, Title, FirstName, LastName, DOB (DateOfBirth), StreetAddress, Town, Country, Post/Zip Code, Mobile, Email and NICPassportNo. From Table tblGuestDetailsExtended. Age: Age([DOB])

8. qryRoomDetailsExtended Query

This query will be used for displaying the Room Details.

Field : RoomID, RoomNumber, Type, Notes, CostPerNight and Active. From Table tblRoomDetails.

9. qryAnnualFinanceReport Query

This query will be used for generating Annual Income Report.

Field : From Table tblPayUpdate - PaymentID BookingID, RoomID, ExtraChargeID and TotalCost. From Table tblBookingDetails – CheckInDate, CheckOutDate and NoOfNight. From table tblRoomDetails – CostPerNight. From table tblExtraChargeDetails – Amount.

Query Criteria : >=[Enter Starting Date of the Year?] And <=[Enter Ending Date of the Year?]

10. qryMonthlyFinanceReport Query

This query will be used for generating Monthly Income Report.

Field : From Table tblPayUpdate - PaymentID BookingID, RoomID, ExtraChargeID and TotalCost. From Table tblBookingDetails – CheckInDate, CheckOutDate and NoOfNight. From table tblRoomDetails – CostPerNight. From table tblExtraChargeDetails – Amount.

Query Criteria : >=[Enter Starting Date of the month?] And <=[Enter Ending Date of the month?]

11. qryAgeAdults Query

This query will be used for generating Age Adults Report.

Field : GuestID, Guest Name: [Title] & " " & [FirstName] & " " & [LastName], DOB (DateOfBirth), StreetAddress, Town, Country, Post/Zip Code, Mobile, Email and NICPassportNo. From Table tblGuestDetailsExtended. Age: Age([DOB])

Query Criteria : >=18 And <65

12. qryAgeTeens Query

This query will be used for generating Age Teens Report.

Field : GuestID, Guest Name: [Title] & " " & [FirstName] & " " & [LastName], DOB (DateOfBirth), StreetAddress, Town, Country, Post/Zip Code, Mobile, Email and NICPassportNo. From Table tblGuestDetailsExtended. Age: Age([DOB])

Query Criteria : >0 And <18

13. qryAgeSenior Query

This query will be used for generating Age Senior Report.

Field : GuestID, Guest Name: [Title] & " " & [FirstName] & " " & [LastName], DOB (DateOfBirth), StreetAddress, Town, Country, Post/Zip Code, Mobile, Email and NICPassportNo. From Table tblGuestDetailsExtended. Age: Age([DOB])

Query Criteria : >=65 And <100

14. qryCountryWithMostBookings Query

This query will be used for generating the Country with most bookings made Report.

Field : From Table tblBookingDetails – BookingID. From Table tblGuestDetails – Country and Country (Total: Count)

Query Criteria : [Enter Country].

15. qryGuestsSummary Query

This query will be used for generating the Guest Summary Report.

Field : Title, Name: [FirstName] & " " & [LastName], Age: Age([DOB]), DOB, StreetAddress, Country, Mobile and Email.

16. qryRoomAndExtraChargeBookedBy Query

This query will be used for generating the Room and Extra Charge Booking By Report.

Field : From Table tblRoomDetails – RoomNumber, Type and CostPerNight. From Table tblBookingDetails – RoomID and ExtraChargeID. From Table tblExtraChargeDetails – Amount. From Table tblGuestDetails – GuestID and Name: [FirstName] & " " & [LastName].

17. qryTotalCost Query

This query will be used for generating The Total Cost Report.

Field : From Table tblPayUpdate – GuestID, PaymentID, BookingID and TotalCost. From Table tblPaymentDetails - CardHolderFirstName, CardHolderLastName. From Table tblRoomDetails - CostPerNight. From table tblExtraChargeDetails. From Table tblGuestDetails - Guest Name: [Title] & " " & [FirstName] & " " & [LastName].

Query Criteria : [Enter Payment ID].