

Table Structure - hospital Management System

Hospital Management System

Table Name		Patient Master			
Table Description		To store The Details Of Patient			
#	Field Name	Data Type	Length	Nullable	Constraints
1	Patient ID	Integer	4	No	Identity Column
3	Patient Name	VarChar	30	No	
4	Patient Address1	VarChar	50	No	
5	Patient Address2	VarChar	50	Yes	
6	DateOfBirth	Datetime	8	No	
7	Phone	VarChar	15	yes	
8	Sex	VarChar	6	No	Default Value - Male
9	Blood Group	VarChar	5	No	
10	Age	DataTime	8	No	
11	DateOfRegistration	Datetime	8	No	Default Value - Today's Date

Table Name		Doctor Master			
Table Description		To store The Details Of Doctor			
#	Field Name	Data Type	Length	Nullable	Constraints
1	DoctorID	Integer	4	No	Primary Key, Identity Column
2	Doctor Name	VarChar	30	No	
3	Doctor Address1	VarChar	50	No	
4	Doctor Address2	VarChar	50	Yes	
5	Specialist	VarChar	50	No	
6	Gender	varchar	6	No	Default value - Male
7	Date Of Birth	Datetime	8	No	
8	Phone	VarChar	15	No	

Table Name		Doctor Fees Master			
Table Description		Maintain the Fees for Doctors (InPatients and OutPatients)			
#	Field Name	Data Type	Length	Nullable	Constraints
1	FeesId	Integer	4	No	Primary Key, Identity Column
2	DoctorId	Integer	4	No	
3	Fees for Out Patients	Money	8	No	
4	Fees for In Patients	Money	8	No	

Table Name		Room Master			
Table Description		Maintain the list of all beds (rooms) in the hospital			
#	Field Name	Data Type	Length	Nullable	Constraints
1	RoomId	Integer	4	No	Primary Key, Identity Column
2	RoomType	VarChar	30	No	
3	Number of Beds	Integer	4	No	
4	Room Description	VarChar	50	Yes	

Table Name		Room Rate Master			
Table Description		Maintaining the rate for each room type			
#	Field Name	Data Type	Length	Nullable	Constraints
1	RoomRateId	Integer	4	No	Primary Key, Identity Column
2	RoomId	VarChar	4	No	Foreign key Ref: Room Master
3	Room Rent Per day	Money	8	No	

Table Name		Patient Details			
Table Description		Table to create a record for each InPatients			
#	Field Name	Data Type	Length	Nullable	Constraints
1	ID	Integer	4	No	Primary Key, Identity Column
2	Patient ID	Integer	4		Foreign Key Referencing Patient Master
3	Patient Type(In patient or Out patient)	Integer		No	
3	Doctor ID	Integer	4	No	Foreign Key Referencing Doctor Master
4	RoomId(Only For In Patient)	Integer	4	Yes	Foreign Key Referencing Room Master
5	DateOfVisit	Date/Time	8	No	Default value- Today's Date
6	DateOfDischarge (For Out Patient date Of Discharge Should Be null, For In patient if the patient is not yet discharged then it should be null)	Date/Time	8	No	
7	Symptoms	varchar	1000	No	
8	Disease	VarChar	1000	No	
9	Treatment	varchar	1000	No	

Table Name		Fees Details for In Patients			
Table Description		Storing the fees amount paid for the patient while discharging			
#	Field Name	Data Type	Length	Nullable	Constraints
1	Fees ID	Integer	4	No	Primary Key, Identity Column
2	RoomId	Integer	4	No	Foreign Key Referencing room master
3	Patient ID	Integer	4	No	Foreign Key Referencing Patient Master
4	Doctor Id	Integer	4	No	Foreign Key Referencing Doctor Master
5	No of days	decimal	8	null	Default Value 0.00
5	Room Rent Per day	Money	8	No	Default Value 0.00
6	Doctor Fees	Money	8	No	Default Value 0.00
8	Total Amount	Money	8	No	Default Value 0.00

Table Name		Fees Details for Out Patients			
Table Description		Storing the fees amount paid for the patient while discharging			
#	Field Name	Data Type	Length	Nullable	Constraints
1	Fees ID	Integer	4	No	Primary Key, Identity Column
2	Patient ID	Integer	4	No	Foreign Key Referencing Patient Master
3	Doctor Id	Integer	4	No	Foreign Key Referencing Doctor Master
4	Doctor Fees	Money	8	No	Default Value 0.00
5	Total Amount	Money	8	No	Default Value 0.00