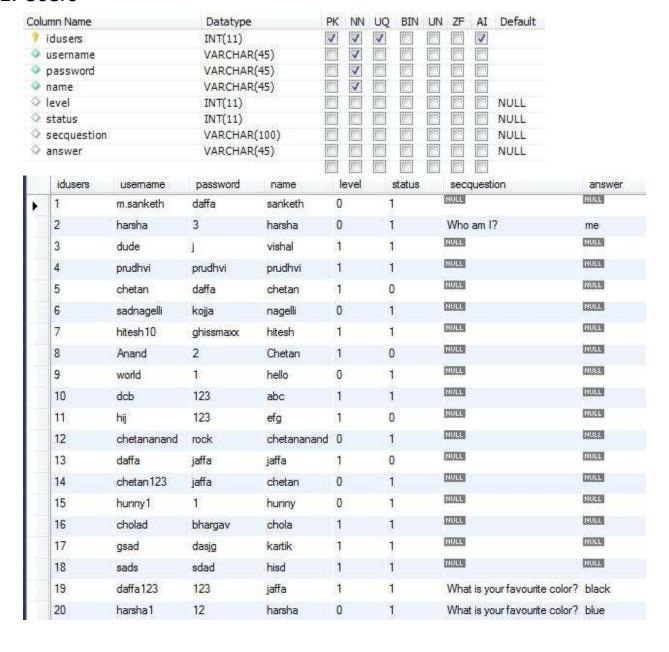
Database Schema (Data Modelling)

The basic structure/schema of our database has been shown pictorially.

TABLES:

1. Users

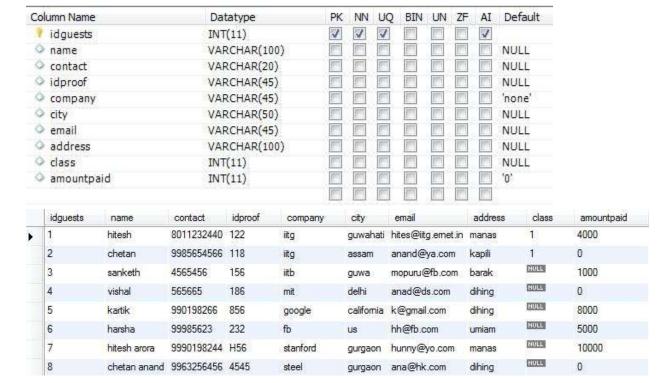


2. Rooms

Column Name	Datatype	PK	NN	UQ	BIN	UN	ZF	AI	Default
idrooms	INT(11)	V	1	V				V	
o roomno	VARCHAR(45)		V						
o class	INT(11)	100	V	100					
status	INT(11)	100	V						
o datein	VARCHAR(45)	100		1					NULL
○ dateout	VARCHAR(45)	800		1					NULL
guestid	VARCHAR(45)	600	100	100					NULL
		877	100	100					

	idrooms	roomno	class	status	datein	dateout	guestid
×	1	101	া	0	Sunday, March 10, 2013	Sunday, March 10, 2013	7
	2	102	1	0	Sunday, March 10, 2013	Sunday, March 10, 2013	7
	3	103	1	0	Sunday, March 10, 2013	Monday, March 11, 2013	1
	4	104	1	0	Sunday, March 10, 2013	Monday, March 11, 2013	1

3. Guests



4.Discount



	id	class	classamount	discount
•	1	1	5000	2
	2	2	10000	3
	3	3	20000	5
	4	4	80000	8
	5	5	50000	7
	10	6	2500	1

5.Classinfo

Column Name	Datatype	PK	NN	UQ	BIN	UN	ZF	AI	Default
🧚 idclassinfo	INT(11)	V	V	V				1	
type	INT(11)	[177]	V						
ocost ocost	INT(11)		1						
description	VARCHAR(100)		1			100	100	(17)	
		1000	I	IIII		000	100	(177)	

	idclassinfo	type	cost	description
•	1	1	1000	standard single
	2	2	2000	deluxe single
	3	3	3000	executive single
	4	4	6000	standard double
	5	5	5000	deluxe double
	6	6	8000	executive double
	7	7	10000	superior deluxe
	8	8	12000	superior double
	9	9	15000	ashiana

6.transaction log table.

Column Name	Datatype	PK	NN	UQ	BIN	UN	ZF	AI	Default
🕴 transactionid	INT(11)	V	V					V	
date_booked	VARCHAR(45)		V	(17)	图	F			
time	VARCHAR(45)	(0)	(17)	(0)	图	F		F	NULL
o roomid	VARCHAR(45)	(17)	V	[77]	1				
guestid	VARCHAR(45)	[77]	V	[7]	1				
date_out	VARCHAR(45)	[77]	V	[7]	E				
totalpaidbyguest	VARCHAR(45)	(17)	V	[77]	E				
employeeid	VARCHAR(45)	(17)		(17)	(F)				NULL
		(2)	[77]	(17)	[7]				

	transactionid	date_booked	time	roomid	guestid	date_out	totalpaidbyguest	emple
١	1	Wednesday, March 20, 2013		1	3	3/19/2013	19600	
	2	Wednesday, March 20, 2013		7	3	3/19/2013	19600	
	3	Wednesday, March 20, 2013		3	3	3/19/2013	19600	
	4	Tuesday, March 12, 2013		7	15	3/20/2013	40000	
	5	Tuesday, March 12, 2013		3	15	3/20/2013	40000	
	6	Saturday, March 09, 2013		8	10	3/9/2013	12000	2
	7	Saturday, March 09, 2013	1362892126	5	9	Saturday, March 09, 2013	5000	2
	8	Tuesday, March 12, 2013	1362912412	1	1	Thursday, March 14, 2013	37200	2
	9	Tuesday, March 12, 2013	1362912412	7	1	Thursday, March 14, 2013	37200	2
	10	Tuesday, March 12, 2013	1362912412	4	1	Thursday, March 14, 2013	37200	2
	11	Sunday, March 10, 2013	1362912090	1	7	Sunday, March 10, 2013	3880	2
	12	Sunday, March 10, 2013	1362912090	2	7	Sunday, March 10, 2013	3880	2
	13	Sunday, March 10, 2013	1362912264	21	2	Wednesday, March 13, 2013	18000	2