

Database Schema (Data Modelling)

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

TABLES:

1. Users

Column Name	Datatype	PK	NN	UQ	BIN	UN	ZF	AI	Default
idusers	INT(11)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
username	VARCHAR(45)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
password	VARCHAR(45)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
name	VARCHAR(45)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
level	INT(11)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
status	INT(11)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
secquestion	VARCHAR(100)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
answer	VARCHAR(45)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL

	idusers	username	password	name	level	status	secquestion	answer
▶	1	m.sanketh	daffa	sanketh	0	1	NULL	NULL
	2	harsha	3	harsha	0	1	Who am I?	me
	3	dude	j	vishal	1	1	NULL	NULL
	4	prudhvi	prudhvi	prudhvi	1	1	NULL	NULL
	5	chetan	daffa	chetan	1	0	NULL	NULL
	6	sadnagelli	kojja	nagelli	0	1	NULL	NULL
	7	hitesh10	ghissmaxx	hitesh	1	1	NULL	NULL
	8	Anand	2	Chetan	1	0	NULL	NULL
	9	world	1	hello	0	1	NULL	NULL
	10	dcb	123	abc	1	1	NULL	NULL
	11	hij	123	efg	1	0	NULL	NULL
	12	chetananand	rock	chetananand	0	1	NULL	NULL
	13	daffa	jaffa	jaffa	1	0	NULL	NULL
	14	chetan123	jaffa	chetan	0	1	NULL	NULL
	15	hunny1	1	hunny	0	1	NULL	NULL
	16	cholad	bhargav	chola	1	1	NULL	NULL
	17	gsad	dasjg	kartik	1	1	NULL	NULL
	18	sads	sdad	hisd	1	1	NULL	NULL
	19	daffa123	123	jaffa	1	1	What is your favourite color?	black
	20	harsha1	12	harsha	0	1	What is your favourite color?	blue

2. Rooms

Column Name	Datatype	PK	NN	UQ	BIN	UN	ZF	AI	Default
idrooms	INT(11)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
roomno	VARCHAR(45)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
class	INT(11)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
status	INT(11)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
datein	VARCHAR(45)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
dateout	VARCHAR(45)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
guestid	VARCHAR(45)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL


	idrooms	roomno	class	status	datein	dateout	guestid
▶	1	101	1	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

Column Name	Datatype	PK	NN	UQ	BIN	UN	ZF	AI	Default
idguests	INT(11)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
name	VARCHAR(100)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
contact	VARCHAR(20)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
idproof	VARCHAR(45)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
company	VARCHAR(45)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	'none'
city	VARCHAR(50)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
email	VARCHAR(45)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
address	VARCHAR(100)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
class	INT(11)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
amountpaid	INT(11)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	'0'





	idguests	name	contact	idproof	company	city	email	address	class	amountpaid
▶	1	hitesh	8011232440	122	itg	guwahati	hites@itg.emet.in	manas	1	4000
	2	chetan	9985654566	118	itg	assam	anand@ya.com	kapili	1	0
	3	sanketh	4565456	156	itb	guwa	mopuru@fb.com	barak	NULL	1000
	4	vishal	565665	186	mit	delhi	anad@ds.com	dihing	NULL	0
	5	kartik	990198266	856	google	california	k@gmail.com	dihing	NULL	8000
	6	harsha	99985623	232	fb	us	hh@fb.com	umiam	NULL	5000
	7	hitesh arora	9990198244	H56	stanford	gurgaon	hunny@yo.com	manas	NULL	10000
	8	chetan anand	9963256456	4545	steel	gurgaon	ana@hk.com	dihing	NULL	0

4.Discount

Column Name	Datatype	PK	NN	UQ	BIN	UN	ZF	AI	Default
 id	INT(11)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
 class	INT(11)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
 classamount	INT(11)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
 discount	INT(11)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	









	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)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
 type	INT(11)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
 cost	INT(11)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
 description	VARCHAR(100)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

	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)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
 date_booked	VARCHAR(45)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
 time	VARCHAR(45)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
 roomid	VARCHAR(45)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
 guestid	VARCHAR(45)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
 date_out	VARCHAR(45)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
 totalpaidbyguest	VARCHAR(45)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
 employeeid	VARCHAR(45)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL

	transactionid	date_booked	time	roomid	guestid	date_out	totalpaidbyguest	emplo
▶	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