



Hospital Database Management System

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Team

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Relational Schema:

```
postgres=# \d+;
```

List of relations					
Schema	Name	Type	Owner	Size	Description
hospital	bill	table	postgres	8192 bytes	
hospital	department	table	postgres	8192 bytes	
hospital	doctor	table	postgres	8192 bytes	
hospital	emp_phone	table	postgres	8192 bytes	
hospital	employee	table	postgres	8192 bytes	
hospital	had_medicine	table	postgres	8192 bytes	
hospital	hadtest	table	postgres	8192 bytes	
hospital	in_patient	table	postgres	8192 bytes	
hospital	medicine	table	postgres	8192 bytes	
hospital	nurse	table	postgres	8192 bytes	
hospital	out_patient	table	postgres	8192 bytes	
hospital	patient	table	postgres	8192 bytes	
hospital	pt_phone	table	postgres	8192 bytes	
hospital	relative	table	postgres	8192 bytes	
hospital	room	table	postgres	8192 bytes	
hospital	test	table	postgres	8192 bytes	

(16 rows)

Patient:

```
postgres=# select * from patient;
```

pid	fname	lname	gender	dob	blood_group	doc_id	hno	street	city	state	email
pt_1	vikas	sharma	m	1999-07-06	o-	emp_1	2629	msb ka rasta	jaipur	rajasthan	vikas.aiapro@gmail.com
pt_2	shivam	nitgam	m	1998-08-06	ab-	emp_2	2314	kudasan	agra	UP	shivam@gmail.com
pt_3	bhavesh	patel	m	1999-07-28	o+	emp_3	183	Itwara	burhanpur	M.P.	pbbhavesh2807@gmail.com
pt_4	Dev	Goral	m	1999-07-27	ab+	emp_4	785	msb ka rasta	jaipur	rajasthan	dev49199@gmail.com
pt_5	harsha	shah	m	1997-04-06	o-	emp_1	2629	infocity	vizag	A.P.	vikas.aiapro@gmail.com
pt_6	sawai	jain	m	1999-07-06	o-	emp_2	2629	abcd	jaipur	rajasthan	vikas.aiapro@gmail.com
pt_7	suraj	singh	m	1996-09-04	o+	emp_2	420	gali410	New Delhi	Delhi	sur@gmail.com
pt_8	manan	singh	m	1996-04-04	AB-	emp_3	130	gali450	New Delhi	Delhi	hek@gmail.com
pt_9	priya	jha	f	1997-04-04	B-	emp_2	220	Vrindavan	Kalyan	Mumbai	dfteftf@gmail.com
pt_10	Shalini	gupta	f	1997-04-06	AB+	emp_2	340	Johri Bazar	Jaipur	Rajasthan	salini12@gmail.com

(10 rows)

In_Patient:

```
postgres=# select * from in_patient;
 pid | nid  | rid | arrival_date | discharge_date | disease
-----+-----+-----+-----+-----+-----
 pt_3 | emp_10 | 1001 | 2016-04-07   | 2016-04-10   | accident
 pt_4 | emp_9  | 1002 | 2016-06-07   | 2016-07-10   | heart_attack
 pt_4 | emp_9  | 1002 | 2016-07-12   | 2016-08-10   | heart_attack
 pt_5 | emp_8  | 1003 | 2015-05-12   | 2015-08-10   | aids
 pt_6 | emp_10 | 1001 | 2015-07-12   | 2015-08-10   | accident
 pt_10 | emp_9  | 1005 | 2019-04-15   |               | Skin Cancer
 pt_9  | emp_10 | 1005 | 2019-04-17   |               | Dengue
 pt_8  | emp_10 | 1005 | 2019-04-18   |               | Malaria
 pt_7  | emp_10 | 1005 | 2019-04-19   |               | Catract
(9 rows)
```

Out_Patient:

```
postgres=# select * from out_patient;
 pid | arrival_date | disease
-----+-----+-----
 pt_1 | 2015-06-12   | cold
 pt_1 | 2015-06-14   | cold
 pt_1 | 2015-06-20   | cold
 pt_2 | 2018-06-10   | wound
(4 rows)
```

Pt_Phone:

```
postgres=# select * from pt_phone;
 pid | mobile_number
-----+-----
 pt_1 |      7486884827
 pt_1 |      9874563210
 pt_2 |      7412589630
 pt_2 |      1236547890
 pt_2 |      7458963214
 pt_3 |      7458963253
 pt_3 |      9079831856
 pt_4 |      9079731856
 pt_5 |      9049731856
 pt_5 |      9049732856
 pt_6 |      8049732856
(11 rows)
```

Bill:

```
postgres=# select * from bill;
 pid | mcost | tcost | roomcharges | billdate
-----+-----+-----+-----+-----
 pt_1 | 200.00 | 2500.00 |      500.00 | 2015-04-12
 pt_2 | 200.00 |  200.00 |     5000.00 | 2015-05-13
 pt_3 | 205.00 |  300.00 |     1000.00 | 2018-05-13
 pt_4 |  20.00 |  100.00 |      100.00 | 2017-05-13
 pt_5 | 120.00 | 1200.00 |     1300.00 | 2016-05-13
(5 rows)
```

Had_Test:

```
postgres=# select * from hadtest;
 pid | tid | testdate
-----+-----+-----
 pt_1 |   1 | 2015-06-07
 pt_2 |   5 | 2016-06-08
(2 rows)
```

Test:

```
postgres=# select * from test;
 tid |   tname   |   tcost
-----+-----+-----
   1 | X-RAY     |   100.00
   2 | BLOOD TEST |   300.00
   3 | URINE TEST |   100.00
   4 | MRI SCAN  |  1200.00
   5 | ENDOSCOPY |  3000.00
   6 | BIOPSY    |  3500.00
   7 | ULTRASOUND |   900.00
   8 | CT-SCAN   |  1100.00
   9 | CBC       |   350.00
  10 | FLU TEST  |  1500.00
(10 rows)
```

Had_Medicine:

```
postgres=# select * from had_medicine;
 pid | mid | med_date | qty
-----+-----+-----+----
pt_1 |   1 | 2018-04-19 |   4
pt_2 |   2 | 2018-04-20 |   4
pt_2 |   1 | 2018-04-19 |   1
pt_1 |   4 | 2018-04-19 |   1
pt_1 |   4 | 2018-04-20 |   1
pt_4 |   4 | 2018-04-20 |   5
pt_5 |  10 | 2017-04-20 |   5
(7 rows)
```


Medicine:

mid	mname	mcost
1	CROCINE	10.00
2	ASPIRIN	8.00
3	NAMOSLATE	8.00
4	GLUCOSE	200.00
5	TARIVID	80.00
6	CANESTEN	12.00
7	DICLOFENAC	18.00
8	ANTACIDS	8.00
9	VERMOX	40.00
10	OVEX	25.00
11	OMEE	35.00
12	AVIL	4.00
13	HIDRASEC	50.00
14	UTINOR	80.00
15	PARIET	8.00
16	CIPROXIN	6.00
17	CYPROSTAT	12.00
18	ANDROCUR	80.00
19	DESTOLIT	82.00
20	URSOFALK	15.00
21	ORS	7.00
22	URSOGAL	20.00
23	OMNI GEL	30.00
24	DETTOL	45.00
25	BETADINE	8.00
26	LIVER-52	100.00
27	METHYLPHENIDATE	12.00
28	BETA-BLOCKER	90.00
29	BENZODIAZEPINES	120.00
30	Z-DRUG	150.00
31	ANTIPSYCHOTIC	200.00
32	SSRI-ANTIDEPRESSANT	250.00
33	MAOI-DRUG	140.00
34	BICASUL	1.00
35	NASAL DECONGESTANTS	20.00

Room:

```
postgres=# select * from room;
rid |      roomtype      | available
-----+-----+-----
1001 | ICU                | t
1002 | GENERAL WARD       | f
1003 | GENERAL WARD 1     | f
1004 | MORGUE             | t
1005 | VIP SUITE          | t
1006 | NURSERY            | f
1007 | ISOLATION          | t
1008 | TWIN SHARING       | t
1009 | DAY CARE           | t
1010 | AC ROOM            | t
1011 | GENERAL WARD       | t
1012 | GENERAL WARD       | t
1013 | GENERAL WARD       | f
(13 rows)
```

Relative:

```
postgres=# select * from relative;
pid | rname |      pno      | rtype
-----+-----+-----+-----
pt_3 | rahul | 9876543210 | brother
pt_4 | neeta | 9876544510 | sister
pt_5 | Ramesh | 9456544510 | husband
pt_6 | Suresh | 7456544510 | father
(4 rows)
```

Employee:

emp_id	fname	mname	lname	gender	emptype	hno	street	city	state	date_of_joining	email	dept
emp_id	date_of_birth											
emp_1	vikas	k	sharma	m	doctor	2629	msb ka rasta	jaipur	rajasthan	2015-06-07	vikas61999@gmail.com	dept_1
emp_2	shivam	k	nigam	m	doctor	3621	kudasan	gandhinagar	gujarat	2017-02-03	shivam@gmail.com	dept_2
emp_3	bhavesh	k	patel	m	doctor	6969	GB road	New Delhi	New Delhi	2014-06-03	bhavesh69@gmail.com	dept_3
emp_4	Dev	kumar	Gorai	m	doctor	4235	purani gali	Dhanbad	Jharkhand	2014-04-07	devdk@gmail.com	dept_4
emp_5	harsha	suri	shetty	m	nurse	2329	sadar bazaar	ahmedabad	gujarat	2015-06-07	harsha_here@gmail.com	dept_5
emp_6	kshittiz	suri	gangwar	m	nurse	2345	bhangl bazaar	Farukkhabad	UP	2015-06-07	khinch@gmail.com	dept_6
emp_7	aasha	k	nigam	f	nurse	3621	koba	gandhinagar	gujarat	2016-02-03	aasha@gmail.com	dept_7
emp_8	chelsi	k	nigam	f	nurse	3621	ln	banswara	rajasthan	2015-02-03	chelsi@gmail.com	dept_8
emp_9	deepika	k	gupta	f	nurse	3621	ln	jaipur	rajasthan	2018-02-03	deepika@gmail.com	dept_9
emp_10	neha	k	gupta	f	nurse	3621	aj	jaipur	rajasthan	2018-12-03	neha@gmail.com	dept_10
emp_11	1980-12-04											

Emp_Phone:

```
postgres=# select * from emp_phone;
```

empid	mobile_number
emp_1	9928824667
emp_1	8769459714
emp_1	7615991201
emp_2	9079831856
emp_2	7486884827
emp_3	8875498791
emp_3	9602202981
emp_4	7615835360
emp_5	8107214243
emp_6	9876543210
emp_7	7485961230
emp_7	7896541230
emp_8	7796541230
emp_8	9096541230
emp_8	9086541230
emp_9	9032141230
emp_9	90321123
emp_9	7895641230
emp_10	9079641230

(19 rows)

Doctor:

```
postgres=# select * from doctor;
 doc_id | qualification
-----+-----
 emp_1  | mbbs
 emp_2  | md
 emp_3  | bhms
 emp_4  | mbbs
(4 rows)
```

Nurse:

```
postgres=# select * from nurse;
  nid  | countpatient
-----+-----
 emp_7 |          5
 emp_8 |          2
 emp_9 |         10
 emp_10|          1
(4 rows)
```

Department:

```
postgres=# select * from department;
 dept_id |      dname
-----+-----
 dep_1   | ALLERGY
 dep_2   | INTENSIVE CARE
 dep_3   | ANESTHESIOLOGY
 dep_4   | CARDIOLOGY
 dep_5   | ENT
 dep_6   | NEUROLOGY
 dep_7   | ORTHOPEDICS
 dep_8   | PATHOLOGY
 dep_9   | RADIOLOGY
 dep_10  | SURGERY
 dep_11  | NURSE
 dep_12  | ACCOUNTS
 dep_13  | SECURITY
 dep_14  | CLEANER
(14 rows)
```

```
postgres=# select * from doctor;
 doc_id | qualification 
-----+-----
 emp_1  | mbbs
 emp_2  | md
 emp_3  | bhms
 emp_4  | mbbs
(4 rows)
```