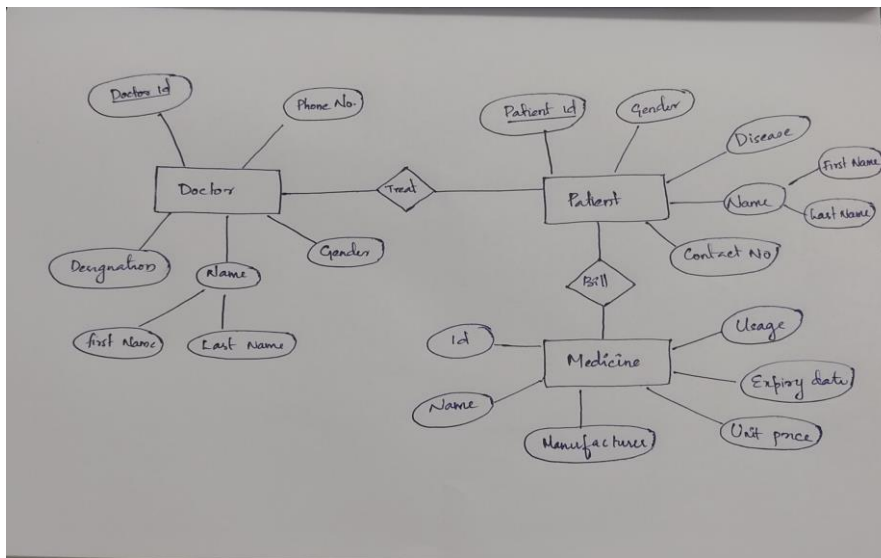


1. ER DIAGRAM FOR HOSPITAL MANAGEMENT SYSTEM



2. Write a Select query with and without conditions.

The screenshot shows the pgAdmin 4 interface. The left pane displays the database structure, with the 'public' schema selected. The 'Tables (3)' folder is expanded, showing 'Doctor', 'Medicine', and 'Patient'. The 'Doctor' table is selected. The right pane shows the SQL query editor with the following query:

```
1 SELECT first_name, last_name
2 FROM public.\"Doctor\";
```

The 'Data Output' pane shows the results of the query, displaying the first and last names of 9 doctors:

first_name	last_name
Daisy	Oen
Hillier	Thomke
Torie	Grebert
Rose	Whayman
Vilma	Carwell
Mia	Carless
Costa	Gel
Elana	Sandercock
Rog	Remison

The status bar at the bottom indicates 'Total rows: 350 of 350' and 'Query complete 00:00:00.600'.

pgAdmin 4

File Object Tools Help

Object Explorer

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- Foreign Data Wrappers
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 - Tables (3)
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Processes X public.Doctor/HO... X public.Patient/HO... X public.Medicine/H... X HOSPITAL MANAGEMENT DB/postgres@PostgreSQL 16 X

HOSPITAL MANAGEMENT DB/postgres@PostgreSQL 16

Query Query History Scratch Pad X

```

1 SELECT first_name, last_name, designation
2 FROM public."Doctor"
3 WHERE designation = 'Pediatrician';

```

Data Output Messages Notifications

	first_name character varying (60)	last_name character varying (50)	designation character varying (60)
1	Daisy	Oen	Pediatrician
2	Hillier	Thornke	Pediatrician
3	Elana	Sandercock	Pediatrician
4	Linnet	Fleis	Pediatrician
5	Lauritz	Skune	Pediatrician
6	Sawyer	Baynes	Pediatrician
7	Robby	Raun	Pediatrician
8	Nathanil	Grewar	Pediatrician
9	Dolph	Izakovitz	Pediatrician

Total rows: 42 of 42 Query complete 00:00:00.130 Ln 3, Col 36

Tempo to drop Tomorrow

Search

ENG IN 22:48 20-02-2024

3. Write an insert query to add new data for all the tables

pgAdmin 4

File Object Tools Help

Object Explorer

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public.Medicine/H... X HOSPITAL MANA... X HOSPITAL MANA... X public.Doctor/HOSPITAL MANAGEMENT DB/postgres@PostgreSQL 16 X

public.Doctor/HOSPITAL MANAGEMENT DB/postgres@PostgreSQL 16

Query Query History Scratch Pad X

```

1 SELECT * FROM public."Doctor"
2 ORDER BY id ASC

```

Data Output Messages Notifications

	id [PK] integer	first_name character varying (60)	last_name character varying (50)	designation character varying (60)	gender character	experience integer	contact_number bigint
109	40181	Elana	Sandercock	Pediatrician	Female	15	8569654034
110	40397	Harmon	Meffan	Orthopedic Surgeon	Male	30	9450867056
111	40757	Jessamyn	Willoway	Radiologist	Female	16	8214360249
112	40862	Esme	Mariault	Cardiologist	Non-binary	24	6769103190
113	41003	Kev	Castellone	Gynecologist	Male	26	7666626711
114	41115	Allen	Jose	Neurologist	Male	5	9254871579
115	41226	Linnet	Fleis	Pediatrician	Female	26	8768333180
116	41454	Maryanne	Cull	Cardiologist	Female	23	9279339642
117	41659	Bendix	Treweke	Pediatrician	Genderqueer	23	8258199724

Total rows: 351 of 351 Query complete 00:00:00.442 Ln 1, Col 1

28°C Mostly clear

Search

ENG IN 22:56 20-02-2024

4. Write an Delete query to delete any existing data for all the tables.

The screenshot shows the pgAdmin 4 interface. The left sidebar displays the 'Object Explorer' with the 'public' schema selected, and the 'Medicine' table highlighted. The main query editor contains the following SQL query:

```
1 SELECT * FROM public."Medicine"
2 ORDER BY id ASC
```

The 'Data Output' tab shows the results of the query, displaying 10 rows of data from the 'Medicine' table. The status bar at the bottom indicates 'Total rows: 334 of 334' and 'Query complete 00:00:00.612'.

id	name	manufacturer	usage	expiry_date	unit_price
1	Imodium	Bristol-Myers Squibb	Arthritis	07/01/2027	119
2	Aspirin	GlaxoSmithKline	Insomnia	06/08/2026	12
3	Desitin	Sanofi	Allergies	07/04/2025	156
4	NyQuil	Allergan	Osteoporosis	23/06/2024	96
5	Excedrin	Mylan	Chronic Kidney Disease	11/05/2027	155
6	Pepto-Bismol	Gilead Sciences	Asthma	22/12/2024	111
7	Gas-X	Novartis	Osteoporosis	21/07/2025	85
8	Mucinex	Pfizer	Migraine	25/08/2026	198
9	Alka-Seltzer	Roche	Arthritis	16/04/2024	16

5. Write an Update query to update any existing data for all the tables.

The screenshot shows the pgAdmin 4 interface. The left sidebar displays the 'Object Explorer' with the 'public' schema selected, and the 'Patient' table highlighted. The main query editor contains the following SQL query:

```
1 SELECT * FROM public."Patient"
2 ORDER BY id ASC
```

The 'Data Output' tab shows the results of the query, displaying 9 rows of data from the 'Patient' table. The status bar at the bottom indicates 'Total rows: 350 of 350' and 'Query complete 00:00:00.584'.

id	first_name	last_name	disease	gender	contact_number
1	Nessa	Eustice	Asthma	Female	8743862008
2	Shari	Ginnaly	Diabetes	Female	8931060816
3	Annamaria	Priestman	Chronic Kidney Disease	Bigender	9496744883
4	Danica	Emmitt	Obesity	Female	9445437798
5	Terrel	Landerot	Obesity	Male	8989051393
6	Hillier	Proberts	Alzheimer's	Male	7691943989
7	Carlynn	Finker	Gastritis	Female	7154599186
8	Serene	Billo	Migraine	Female	6691570234
9	Catherina	Gobbett	Diabetes	Female	9108687041

