Dental Clinic ER Diagram

Patient Details
- Sex
- Name
- Mobile No
- Place
- Blood
- Email
- P_ID
- Address
- DOB

Takes

Appointment
- P Name
- P_ID
- A ID
- Appointment Time
- Appointment Date

For

Treatment
- Note
- Fees
- T Date
- P_ID
- Material List
- T No

Has

Prescription
- P_ID
- Dosage
- Days
- Category
- Medicine Name

Use

Medicine Type
- M_ID
- M Type
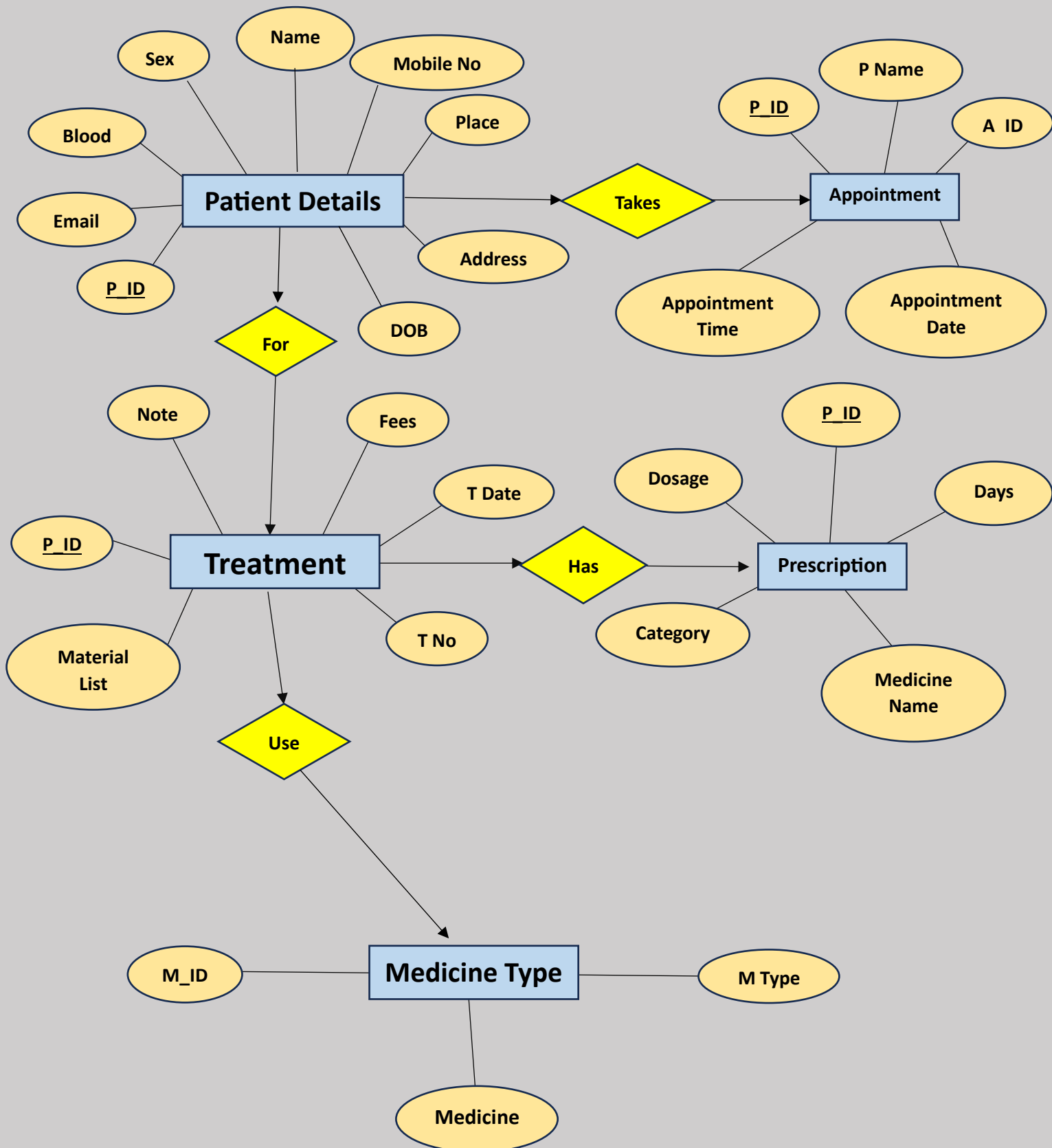- Medicine

☁ ENTITIES:

1. Patient_Details : P_Id, Name, Email, Blood, Sex, Mobile No, Place

2. Appointment : A_Id, P_Id, P_Name, Appointment_Date, Appointment_Time

3. Treatment : P_Id, T_No, T_Date, Fees_Rupees, Materials_List, Note

4. Medicine_Type : M_Id, M_Type , Medicine

⇨ Tables in Project:

◇ Table 1:

Patient Details

P_ID	Name	Email	Blood	Sex	Mobile No	Place
int	Varchar(50)	Varchar(50)	Varchar(3)	Char(1)	Big int	Varchar(30)

Result Grid	Filter Rows:		Edit:	Export/Import:	Wrap Cell Content: IA			
	P_ID	NAME	EMAIL	BLOOD	SEX	MOBILE_NO	PLACE	
▶	1	John Doe	johndoe@example.com	O+	M	1234567890	New York	Export recordset to an external file
	2	Jane Smith	janesmith@example.com	A+	F	2345678901	Los Angeles	
	3	Robert Johnson	robertj@example.com	B+	M	3456789012	Chicago	
	4	Mary Brown	marybrown@example.com	AB+	F	4567890123	Houston	
	5	Michael Davis	michaeld@example.com	O-	M	5678901234	Phoenix	
	6	Linda Garcia	lindag@example.com	A-	F	6789012345	Philadelphia	
	7	James Martinez	jamesm@example.com	B-	M	7890123456	San Antonio	
	8	Patricia Hernandez	patriciah@example.com	O+	F	8901234567	San Diego	
	9	David Wilson	davidw@example.com	A+	M	9012345678	Dallas	
	10	Jennifer Clark	jenniferc@example.com	AB-	F	1234509876	San Jose	
	11	Charles Lewis	charlesl@example.com	O+	M	2345690876	Austin	
	12	Karen Lee	karenlee@example.com	A+	F	3456789076	Jacksonville	
	13	Thomas Walker	thomasw@example.com	B+	M	4567890176	Fort Worth	
	14	Nancy Hall	nancyh@example.com	AB+	F	5678901276	Columbus	
	15	Daniel Allen	daniela@example.com	O-	M	6789012376	Charlotte	
	16	Jessica Young	jessicay@example.com	A-	F	7890123476	San Francisco	
	17	Mark King	markk@example.com	B-	M	8901234576	Indianapolis	
	18	Sarah Wright	sarahw@example.com	O+	F	9012345676	Seattle	
	19	Paul Lopez	paull@example.com	A+	M	1234567809	Denver	
	20	Emily Gonzalez	emilyg@example.com	AB-	F	2345678909	Washington	
	21	Christopher Hill	chrish@example.com	O+	M	3456789019	Boston	
	22	Sandra Scott	sandras@example.com	A+	F	4567890129	El Paso	
	23	Joseph Adams	josepha@example.com	B+	M	5678901239	Detroit	
	24	Ashley Baker	ashleyb@example.com	AB+	F	6789012349	Nashville	
	25	Richard Gonzalez	richardg@example.com	O-	M	7890123459	Memphis	

◇ Table 2:

APPOINTMENT

A_ID	P_ID	P_Name	Appointment_Date	Appointment_Time
Int primary key	int	Varchar(50)	Date	Time

A_ID	P_ID	P_NAME	APPOINTMENT_DATE	APPOINTMENT_TIME
1	1	John Doe	2024-11-05	09:30:00
2	2	Jane Smith	2024-11-05	10:00:00
3	3	Robert Johnson	2024-11-05	10:30:00
4	4	Mary Brown	2024-11-05	11:00:00
5	5	Michael Davis	2024-11-05	11:30:00
6	6	Linda Garcia	2024-11-05	12:00:00
7	7	James Martinez	2024-11-06	09:00:00
8	8	Patricia Hernandez	2024-11-06	09:30:00
9	9	David Wilson	2024-11-06	10:00:00
10	10	Jennifer Clark	2024-11-06	10:30:00
11	11	Charles Lewis	2024-11-06	11:00:00
12	12	Karen Lee	2024-11-06	11:30:00
13	13	Thomas Walker	2024-11-07	09:00:00
14	14	Nancy Hall	2024-11-07	09:30:00
15	15	Daniel Allen	2024-11-07	10:00:00
16	16	Jessica Young	2024-11-07	10:30:00
17	17	Mark King	2024-11-07	11:00:00
18	18	Sarah Wright	2024-11-07	11:30:00
19	19	Paul Lopez	2024-11-08	09:00:00
20	20	Emily Gonzalez	2024-11-08	09:30:00
21	21	Christopher Hill	2024-11-08	10:00:00
22	22	Sandra Scott	2024-11-08	10:30:00
23	23	Joseph Adams	2024-11-08	11:00:00
24	24	Ashley Baker	2024-11-08	11:30:00
25	25	Richard Gonzalez	2024-11-09	09:00:00
26	26	Laura Nelson	2024-11-09	09:30:00

◇ Table 3 :

Treatment

P_ID	T_NO	T_Date	Fees_Rupees	Material_list	Note
Int primary key	int	Date	Decimal (10,2)	Varchar(255)	Text

P_ID	t_no	t_date	fees_rupees	material_list	note
1	101	2024-01-15	1200.00	Anesthetic, Scalpel, Gauze	Routine checkup with minor tooth cleaning
2	102	2024-01-18	2000.00	Filling material, Light Cure Machine	Cavity filling for lower molar
3	103	2024-01-20	1500.00	X-ray Film, Protective Apron	X-ray for diagnosis of pain
4	104	2024-01-22	2500.00	Scalpel, Sutures, Antibiotics	Surgical extraction of wisdom tooth
5	105	2024-01-25	1000.00	Mouth Mirror, Probe	Routine checkup and oral hygiene advice
6	106	2024-01-28	1800.00	Filling material, Composite Resin	Cavity filling for upper canine
7	107	2024-01-30	2200.00	Anesthetic, Needle, Cotton Rolls	Deep cleaning for gum treatment
8	108	2024-02-02	1300.00	Mouthwash, Oral Rinse	Oral health assessment
9	109	2024-02-05	1600.00	Toothbrush, Floss	Dental cleaning and polish
10	110	2024-02-07	2100.00	Root Canal Kit, Temporary Filling	Root canal treatment - Stage 1
11	111	2024-02-10	2300.00	Cement, Retainers	Dental bridge placement
12	112	2024-02-12	900.00	Scaling Tips, Water Spray	Scaling and polishing
13	113	2024-02-14	1900.00	Braces, Wires	Braces tightening session
14	114	2024-02-17	1700.00	Cleaning Gel, Applicator	Gum treatment with anti-inflammatory gel
15	115	2024-02-20	1250.00	Mouth Mirror, Floss	Routine dental checkup
16	116	2024-02-22	2100.00	X-ray Film, Apron	Follow-up X-ray post-treatment
17	117	2024-02-25	2600.00	Crowns, Adhesive	Crown placement for upper molar
18	118	2024-02-27	1400.00	Anesthetic, Drill	Minor surgical procedure
19	119	2024-03-01	1100.00	Prophylaxis Paste, Cotton	Dental cleaning and oral hygiene
20	120	2024-03-03	3000.00	Implant, Drill	Dental implant placement - Stage 1
21	121	2024-03-05	1500.00	Bonding Agent, Light Cure	Tooth bonding for chip repair
22	122	2024-03-08	2400.00	Cement, Orthodontic Brackets	Orthodontic treatment start
23	123	2024-03-10	1000.00	Mouth Rinse, Toothbrush	Regular dental checkup
24	124	2024-03-12	1950.00	Anesthetic, Extraction Forceps	Single tooth extraction
25	125	2024-03-15	1350.00	Rubber Dam, Retainers	Preparation for root canal
26	126	2024-03-17	1750.00	Sealant, Curing Light	Sealant application for cavities

◇ Table 4 :

Medicine_Type

M_Id	M_Type	Medicine
Int primary key	Varchar (50)	Varchar (50)
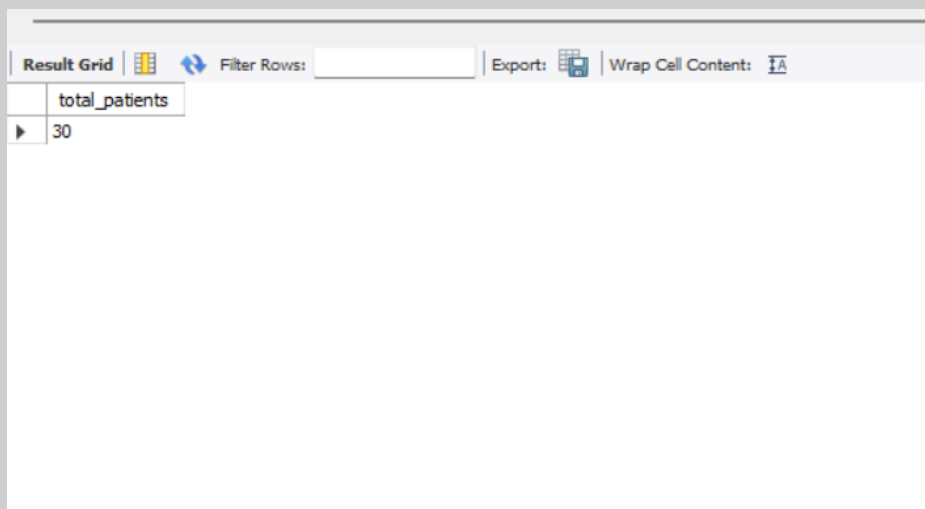
M_ID	M_TYPE	MEDICINE
1	Analgesic	Paracetamol
2	Analgesic	Ibuprofen
3	Analgesic	Aspirin
4	Antibiotic	Amoxicillin
5	Antibiotic	Ciprofloxacin
6	Antibiotic	Azithromycin
7	Antacid	Ranitidine
8	Antacid	Omeprazole
9	Antacid	Magnesium Hydroxide
10	Antiseptic	Hydrogen Peroxide
11	Antiseptic	Chlorhexidine
12	Antiseptic	Iodine
13	Antifungal	Clotrimazole
14	Antifungal	Fluconazole
15	Antifungal	Ketoconazole
16	Antiviral	Acyclovir
17	Antiviral	Oseltamivir
18	Antiviral	Remdesivir
19	Antihista...	Loratadine
20	Antihista...	Cetirizine
21	Antihista...	Diphenhydramine
22	Antidiabetic	Metformin
23	Antidiabetic	Insulin
24	Antidiabetic	Glipizide
25	Antihype...	Amlodipine
26	Antihyp...	Lisinopril

◈ <u>Queries</u>

1. Find the total number of patients.

SELECT COUNT(P_ID) AS total_patients FROM PATIENT_DETAILS;

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
total_patients
30

2. Find the average fees for treatments.

SELECT AVG(FEES_RUPEES) AS average_fees FROM TREATMENT;

average_fees
1743.333333
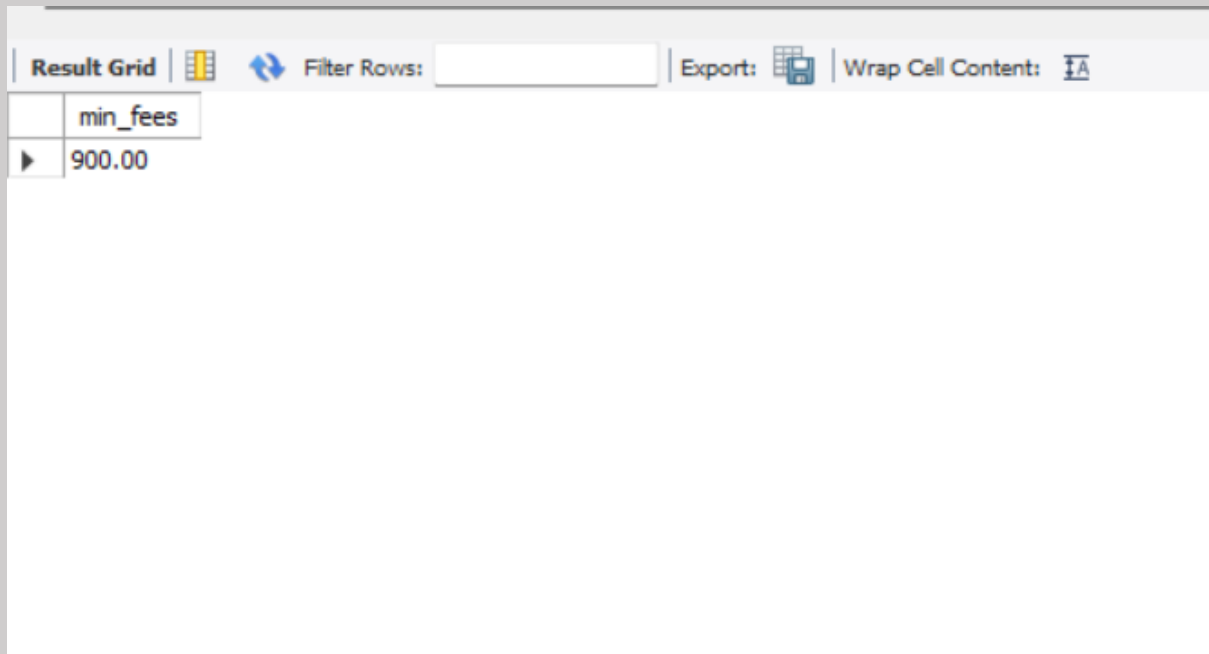
3. Calculate the maximum fees for a single treatment.

SELECT MAX(FEES_RUPEES) AS max_fees FROM TREATMENT;

max_fees
3000.00

4. Calculate the minimum fees for a single treatment.

SELECT MIN(FEES_RUPEES) AS min_fees FROM
TREATMENT;

	min_fees
▶	900.00

5. Calculate the total fees collected from all treatments.

SELECT SUM(FEES_RUPEES) AS total_fees FROM
TREATMENT;

	total_fees
▶	52300.00

6. List patient details along with their appointment details.

SELECT PD.P_ID, PD.NAME, AP.A_ID, AP.APPOINTMENT_DATE, AP.APPOINTMENT_TIME

FROM PATIENT_DETAILS PD

JOIN APPOINTMENT AP ON PD.P_ID = AP.P_ID;

P_ID	NAME	A_ID	APPOINTMENT_DATE	APPOINTMENT_TIME
1	John Doe	1	2024-11-05	09:30:00
2	Jane Smith	2	2024-11-05	10:00:00
3	Robert Johnson	3	2024-11-05	10:30:00
4	Mary Brown	4	2024-11-05	11:00:00
5	Michael Davis	5	2024-11-05	11:30:00
6	Linda Garcia	6	2024-11-05	12:00:00
7	James Martinez	7	2024-11-06	09:00:00
8	Patricia Hernandez	8	2024-11-06	09:30:00
9	David Wilson	9	2024-11-06	10:00:00
10	Jennifer Clark	10	2024-11-06	10:30:00
11	Charles Lewis	11	2024-11-06	11:00:00
12	Karen Lee	12	2024-11-06	11:30:00
13	Thomas Walker	13	2024-11-07	09:00:00
14	Nancy Hall	14	2024-11-07	09:30:00
15	Daniel Allen	15	2024-11-07	10:00:00
16	Jessica Young	16	2024-11-07	10:30:00
17	Mark King	17	2024-11-07	11:00:00
18	Sarah Wright	18	2024-11-07	11:30:00
19	Paul Lopez	19	2024-11-08	09:00:00
20	Emily Gonzalez	20	2024-11-08	09:30:00
21	Christopher Hill	21	2024-11-08	10:00:00
22	Sandra Scott	22	2024-11-08	10:30:00
23	Joseph Adams	23	2024-11-08	11:00:00
24	Ashley Baker	24	2024-11-08	11:30:00
25	Richard Gonzalez	25	2024-11-09	09:00:00
26	Laura Nelson	26	2024-11-09	09:30:00
27	Matthew Carter	27	2024-11-09	10:00:00

7. List patient details along with their treatment details.

SELECT PD.P_ID, PD.NAME, T.T_NO, T.T_DATE, T.FEES_RUPEES

FROM PATIENT_DETAILS PD

JOIN TREATMENT T ON PD.P_ID = T.P_ID;

P_ID	NAME	T_NO	T_DATE	FEES_RUPEES
1	John Doe	101	2024-01-15	1200.00
2	Jane Smith	102	2024-01-18	2000.00
3	Robert Johnson	103	2024-01-20	1500.00
4	Mary Brown	104	2024-01-22	2500.00
5	Michael Davis	105	2024-01-25	1000.00
6	Linda Garcia	106	2024-01-28	1800.00
7	James Martinez	107	2024-01-30	2200.00
8	Patricia Hernandez	108	2024-02-02	1300.00
9	David Wilson	109	2024-02-05	1600.00
10	Jennifer Clark	110	2024-02-07	2100.00
11	Charles Lewis	111	2024-02-10	2300.00
12	Karen Lee	112	2024-02-12	900.00
13	Thomas Walker	113	2024-02-14	1900.00
14	Nancy Hall	114	2024-02-17	1700.00
15	Daniel Allen	115	2024-02-20	1250.00
16	Jessica Young	116	2024-02-22	2100.00
17	Mark King	117	2024-02-25	2600.00
18	Sarah Wright	118	2024-02-27	1400.00
19	Paul Lopez	119	2024-03-01	1100.00
20	Emily Gonzalez	120	2024-03-03	3000.00
21	Christopher Hill	121	2024-03-05	1500.00
22	Sandra Scott	122	2024-03-08	2400.00
23	Joseph Adams	123	2024-03-10	1000.00
24	Ashley Baker	124	2024-03-12	1950.00
25	Richard Gonzalez	125	2024-03-15	1350.00
26	Laura Nelson	126	2024-03-17	1750.00
27	Matthew Carter	127	2024-03-20	1550.00

8. List appointment details with corresponding patient details and treatment details.

SELECT AP.A_ID, AP.APPOINTMENT_DATE, AP.APPOINTMENT_TIME, PD.NAME, T.T_NO, T.FEES_RUPEES

FROM APPOINTMENT AP

JOIN PATIENT_DETAILS PD ON AP.P_ID = PD.P_ID

JOIN TREATMENT T ON PD.P_ID = T.P_ID;

A_ID	APPOINTMENT_DATE	APPOINTMENT_TIME	NAME	T_NO	FEES_RUPEES
1	2024-11-05	09:30:00	John Doe	101	1200.00
2	2024-11-05	10:00:00	Jane Smith	102	2000.00
3	2024-11-05	10:30:00	Robert Johnson	103	1500.00
4	2024-11-05	11:00:00	Mary Brown	104	2500.00
5	2024-11-05	11:30:00	Michael Davis	105	1000.00
6	2024-11-05	12:00:00	Linda Garcia	106	1800.00
7	2024-11-06	09:00:00	James Martinez	107	2200.00
8	2024-11-06	09:30:00	Patrici...		1300.00
9	2024-11-06	10:00:00	David Wilson	109	1600.00
10	2024-11-06	10:30:00	Jennifer Clark	110	2100.00
11	2024-11-06	11:00:00	Charles Lewis	111	2300.00
12	2024-11-06	11:30:00	Karen Lee	112	900.00
13	2024-11-07	09:00:00	Thomas Walker	113	1900.00
14	2024-11-07	09:30:00	Nancy Hall	114	1700.00
15	2024-11-07	10:00:00	Daniel Allen	115	1250.00
16	2024-11-07	10:30:00	Jessica Young	116	2100.00
17	2024-11-07	11:00:00	Mark King	117	2600.00
18	2024-11-07	11:30:00	Sarah Wright	118	1400.00
19	2024-11-08	09:00:00	Paul Lopez	119	1100.00
20	2024-11-08	09:30:00	Emily Gonzalez	120	3000.00
21	2024-11-08	10:00:00	Christopher Hill	121	1500.00
22	2024-11-08	10:30:00	Sandra Scott	122	2400.00
23	2024-11-08	11:00:00	Joseph Adams	123	1000.00
24	2024-11-08	11:30:00	Ashley Baker	124	1950.00
25	2024-11-09	09:00:00	Richard Gonzalez	125	1350.00
26	2024-11-09	09:30:00	Laura Nelson	126	1750.00
27	2024-11-09	10:00:00	Matthew Carter	127	1550.00

9. List all treatments and the corresponding medicine types used, if any.

SELECT T.P_ID, T.T_NO, T.T_DATE, MT.M_TYPE, MT.MEDICINE

FROM TREATMENT T

LEFT JOIN MEDICINE_TYPE MT ON T.P_ID = MT.M_ID;

P_ID	T_NO	T_DATE	M_TYPE	MEDICINE
1	101	2024-01-15	Analgesic	Paracetamol
2	102	2024-01-18	Analgesic	Ibuprofen
3	103	2024-01-20	Analgesic	Aspirin
4	104	2024-01-22	Antibiotic	Amoxicillin
5	105	2024-01-25	Antibiotic	Ciprofloxacin
6	106	2024-01-28	Antibiotic	Azithromycin
7	107	2024-01-30	Antacid	Ranitidine
8	108	2024-02-02	Antacid	Omeprazole
9	109	2024-02-05	Antacid	Magnesium Hydroxide
10	110	2024-02-07	Antiseptic	Hydrogen Peroxide
11	111	2024-02-10	Antiseptic	Chlorhexidine
12	112	2024-02-12	Antiseptic	Iodine
13	113	2024-02-14	Antifungal	Clotrimazole
14	114	2024-02-17	Antifungal	Fluconazole
15	115	2024-02-20	Antifungal	Ketoconazole
16	116	2024-02-22	Antiviral	Acyclovir
17	117	2024-02-25	Antiviral	Oseltamivir
18	118	2024-02-27	Antiviral	Remdesivir
19	119	2024-03-01	Antihista...	Loratadine
20	120	2024-03-03	Antihista...	Cetirizine
21	121	2024-03-05	Antihista...	Diphenhydramine
22	122	2024-03-08	Antidiabetic	Metformin
23	123	2024-03-10	Antidiabetic	Insulin
24	124	2024-03-12	Antidiabetic	Glipizide
25	125	2024-03-15	Antihype...	Amlodipine
26	126	2024-03-17	Antihype...	Lisinopril
27	127	2024-03-20	Antihype...	Losartan

10. List all appointments ordered by appointment date and time.

SELECT * FROM APPOINTMENT ORDER BY APPOINTMENT_DATE, APPOINTMENT_TIME;

A_ID	P_ID	P_NAME	APPOINTMENT_DATE	APPOINTMENT_TIME
1	1	John Doe	2024-11-05	09:30:00
2	2	Jane Smith	2024-11-05	10:00:00
3	3	Robert Johnson	2024-11-05	10:30:00
4	4	Mary Brown	2024-11-05	11:00:00
5	5	Michael Davis	2024-11-05	11:30:00
6	6	Linda Garcia	2024-11-05	12:00:00
7	7	James Martinez	2024-11-06	09:00:00
8	8	Patricia Hernandez	2024-11-06	09:30:00
9	9	David Wilson	2024-11-06	10:00:00
10	10	Jennifer Clark	2024-11-06	10:30:00
11	11	Charles Lewis	2024-11-06	11:00:00
12	12	Karen Lee	2024-11-06	11:30:00
13	13	Thomas Walker	2024-11-07	09:00:00
14	14	Nancy Hall	2024-11-07	09:30:00
15	15	Daniel Allen	2024-11-07	10:00:00
16	16	Jessica Young	2024-11-07	10:30:00
17	17	Mark King	2024-11-07	11:00:00
18	18	Sarah Wright	2024-11-07	11:30:00
19	19	Paul Lopez	2024-11-08	09:00:00
20	20	Emily Gonzalez	2024-11-08	09:30:00
21	21	Christopher Hill	2024-11-08	10:00:00
22	22	Sandra Scott	2024-11-08	10:30:00
23	23	Joseph Adams	2024-11-08	11:00:00
24	24	Ashley Baker	2024-11-08	11:30:00
25	25	Richard Gonzalez	2024-11-09	09:00:00
26	26	Laura Nelson	2024-11-09	09:30:00
27	27	Matthew Carter	2024-11-09	10:00:00

09:00:00

11. Count the number of patients by blood group.

SELECT BLOOD, COUNT(P_ID) AS patient_count

FROM PATIENT_DETAILS

GROUP BY BLOOD;

BLOOD	patient_count
O+	6
A+	6
B+	3
AB+	3
O-	3
A-	3
B-	3
AB-	3

Result Grid | Filter Rows: | Export:

12. Find the total fees collected for each treatment date.

SELECT T_DATE, SUM(FEES_RUPEES) AS total_fees

FROM TREATMENT

GROUP BY T_DATE;

T_DATE	total_fees
2024-01-15	1200.00
2024-01-18	2000.00
2024-01-20	1500.00
2024-01-22	2500.00
2024-01-25	1000.00
2024-01-28	1800.00
2024-01-30	2200.00
2024-02-02	1300.00
2024-02-05	1600.00
2024-02-07	2100.00
2024-02-10	2300.00
2024-02-12	900.00
2024-02-14	1900.00
2024-02-17	1700.00
2024-02-20	1250.00
2024-02-22	2100.00
2024-02-25	2600.00
2024-02-27	1400.00
2024-03-01	1100.00
2024-03-03	3000.00
2024-03-05	1500.00
2024-03-08	2400.00
2024-03-10	1000.00
2024-03-12	1950.00
2024-03-15	1350.00
2024-03-17	1750.00
2024-03-20	1550.00

Result Grid | Filter Rows: | Export: | Wrap Cell Content: IA

13. List the patients whose treatment fees are above the average.

SELECT NAME FROM PATIENT_DETAILS

WHERE P_ID IN (

    SELECT P_ID FROM TREATMENT

    WHERE FEES_RUPEES > (SELECT AVG(FEES_RUPEES) FROM TREATMENT));

NAME
▶ Jane Smith
Mary Brown
Linda Garcia
James Martinez
Jennifer Clark
Charles Lewis
Thomas Walker
Jessica Young
Mark King
Emily Gonzalez
Sandra Scott
Ashley Baker
Laura Nelson
Christine Evans

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

14. Find the length of each patient's name.

SELECT NAME, LENGTH(NAME) AS name_length FROM PATIENT_DETAILS;

NAME	name_length
John Doe	8
Jane Smith	10
Robert Johnson	14
Mary Brown	10
Michael Davis	13
Linda Garcia	12
James Martinez	14
Patricia Hernandez	18
David Wilson	12
Jennifer Clark	14
Charles Lewis	13
Karen Lee	9
Thomas Walker	13
Nancy Hall	10
Daniel Allen	12
Jessica Young	13
Mark King	9
Sarah Wright	12
Paul Lopez	10
Emily Gonzalez	14
Christopher Hill	16
Sandra Scott	12

15. Convert the patient names to uppercase and list them.

SELECT UPPER(NAME) AS uppercase_name FROM PATIENT_DETAILS;

uppercase_name
JOHN DOE
JANE SMITH
ROBERT JOHNSON
MARY BROWN
MICHAEL DAVIS
LINDA GARCIA
JAMES MARTINEZ
PATRICIA HERNANDEZ
DAVID WILSON
JENNIFER CLARK
CHARLES LEWIS
KAREN LEE
THOMAS WALKER
NANCY HALL
DANIEL ALLEN
JESSICA YOUNG
MARK KING
SARAH WRIGHT
PAUL LOPEZ
EMILY GONZALEZ
CHRISTOPHER HILL
SANDRA SCOTT

16. List all patients ordered by their name.

SELECT * FROM PATIENT_DETAILS ORDER BY NAME;

P_ID	NAME	EMAIL	BLOOD	SEX	MOBILE_NO	PLACE
29	Andrew Phillips	andrewp@example.com	A+	M	2345690871	Baltimore
24	Ashley Baker	ashleyb@example.com	AB+	F	6789012349	Nashville
11	Charles Lewis	charlesl@example.com	O+	M	2345690876	Austin
30	Christine Evans	chrise@example.com	AB-	F	3456789071	Milwaukee
21	Christopher Hill	chrish@example.com	O+	M	3456789019	Boston
15	Daniel Allen	daniela@example.com	O-	M	6789012376	Charlotte
9	David Wilson	davidw@example.com	A+	M	9012345678	Dallas
20	Emily Gonzalez	emilyg@example.com	AB-	F	2345678909	Washington
7	James Martinez	jamesm@example.com	B-	M	7890123456	San Antonio
2	Jane Smith	janesmith@example.com	A+	F	2345678901	Los Angeles
10	Jennifer Clark	jenniferc@example.com	AB-	F	1234509876	San Jose
16	Jessica Young	jessicay@example.com	A-	F	7890123476	San Francisco
1	John Doe	johndoe@example.com	O+	M	1234567890	New York
23	Joseph Adams	josepha@example.com	B+	M	5678901239	Detroit
12	Karen Lee	karenlee@example.com	A+	F	3456789076	Jacksonville
26	Laura Nelson	lauran@example.com	A-	F	8901234569	Oklahoma ...
6	Linda Garcia	lindag@example.com	A-	F	6789012345	Philadelphia
17	Mark King	markk@example.com	B-	M	8901234576	Indianapolis
4	Mary Brown	marybrown@example.com	AB+	F	4567890123	Houston
27	Matthew Carter	matthewc@example.com	B-	M	9012345679	Las Vegas
28	Megan Roberts	meganr@example.com	O+	F	1234509871	Louisville
5	Michael Davis	michaeld@example.com	O-	M	5678901234	Phoenix

PATIENT_DETAILS 25 ...