



LYF MATTERS

WHY LYFMATTERS ?



Without a doubt, browsing the internet could satisfy our needs, but with so much information available online nowadays, finding the appropriate resource at the appropriate moment can be challenging. We will be able to develop a similar strategy for hospitals and healthcare facilities, much as how customers are able to evaluate various products and services depending on their pricing and other features in other apps. To prevent fatal outcomes, our app would assist users in accessing the information and call for an ambulance. The app is an addition to the right to information act, allowing consumers to easily access all information.



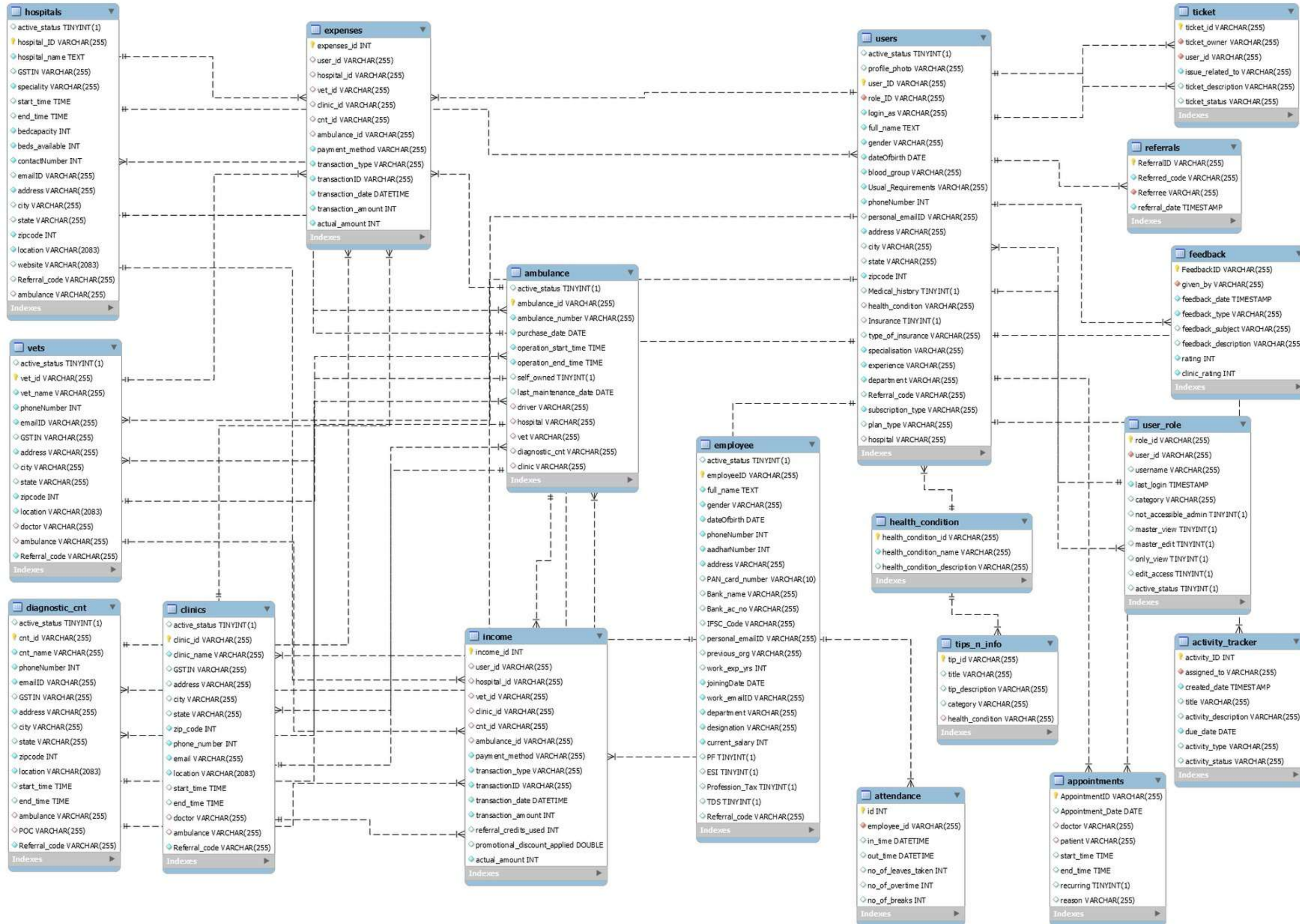
lyfMatters

One stop solution for all your emergencies!

Start



ERD



VIEWS FOR THE COO

IDENTIFY THE HOSPITALS WHO ARE
AVAILABLE 24X7 FOR SERVICE

	hospital_name	contactNumber	emailID
▶	Life Matters	3276722552	Life Matters@gmail.com

```
CREATE OR REPLACE VIEW all_time_open_hospitals AS
SELECT
hospital_name, contactNumber, emailID
FROM
    hospitals
WHERE start_time = end_time;
```



VIEWS FOR THE COO

IDENTIFY THE HOSPITALS WHO ARE AT
FULL CAPACITY

	hospital_ID	hospital_name	speciality	contactNumber	emailID	bedcapacity
▶	HS1010	Gold River	Children's	6371820369	Gold River@gmail.com	191

```
CREATE OR REPLACE VIEW full_capacity_hospitals AS
SELECT
    hospital_ID, hospital_name, speciality, contactNumber, emailID,
    bedcapacity
FROM
    hospitals
WHERE bedcapacity = beds_available;
```



VIEWS FOR THE COO

IDENTIFY ALL THE SELF OWNED AMBULANCE WHO HAD THEIR MAINTENANCE DATE EARLIER THAN 6 MONTHS FROM TODAY. ALSO IDENTIFY THE DRIVER ASSOCIATED TO IT.

	full_name	phoneNumber	ambulance_number	operation_start_time	operation_end_time	last_maintenance_date
▶	Sindhu	2560441829	4556786	13:00:00	21:00:00	2022-02-06
	Saurav	5084079366	7179814	18:00:00	02:00:00	2022-02-08
	Uday	9711138739	6129690	11:00:00	19:00:00	2022-03-22
	Priya	2523445730	2680542	20:00:00	04:00:00	2022-04-03
	Shivangi	4250904464	6632314	15:00:00	23:00:00	2022-07-09
	Saurav	5084079366	6879577	22:00:00	06:00:00	2022-07-19
	Dhruv	8448286833	6475431	01:00:00	09:00:00	2022-08-12
	Shubham	6033825615	5843382	14:00:00	22:00:00	2022-08-21
	Nived	3810516926	7388464	03:00:00	11:00:00	2022-09-03

```
CREATE OR REPLACE VIEW last_maintenance_date_six_months AS
SELECT
    e.full_name,e.phoneNumber,a.ambulance_number, a.operation_start_time, a.operation_end_time,
a.last_maintenance_date
FROM
    ambulance a
    JOIN
    employee e ON a.driver = e.employeeID
WHERE
    a.last_maintenance_date < '2022-10-23' AND a.self_owned = 'Y'
ORDER BY a.last_maintenance_date;
```



VIEWS FOR THE COO

IDENTIFY ALL THE CLINICS WHO HAVE NO AMBULANCE SERVICE
AND SHOW THE DOCTOR IN CONTACT.

	clinic_name	address	city	state	zip_code	doctor_name	phoneNumber	personal_emailID
▶	Global Hospitals Group	12, 12,cubpetblr-2, Cubbonpet	Bangalore	Karnataka	389246	Debasis Sundhararajan	9810978561	LM010@gmail.com
	Health Care Global	304, New Sonal Indl Est, Link Road, Nr Movie Time Theatre, Malad(w)	Hyderabad	Telangana	174967	Jitendra Choudhary	9810978568	LM017@gmail.com
	Hinduja Healthcare Limited	301, Azadpur Comm Cmplx, Sharp Bhawan, Azadpur	Mumbai	Maharashtra	536442	Gopa Trilochana	9810978565	LM014@gmail.com
	Krishna Institute of Medical Sciences	B1/154, Vishnu Garden	Delhi	Delhi	170336	Avantas Ghosal	9810978558	LM007@gmail.com
	L. V. Prasad Eye Institutes	16 Embassy Market, Nr Dinesh Hall, Ashram Road	Bangalore	Karnataka	379607	Gopa Trilochana	9810978565	LM014@gmail.com
	LifeSpring Hospitals	Plot No 5 & 6, Panvel Indl Estate, Panvel, Navi Mumbai	Hyderabad	Telangana	349701	Debasis Sundhararajan	9810978561	LM010@gmail.com
	Manipal Hospitals	H 20, Part 1 Krishna Market	Delhi	Delhi	169137	Avantas Ghosal	9810978558	LM007@gmail.com
	Max Healthcare	301 Shantikunj Complex, Opp Vegetable Market, Salatwada Char Rasta	Trivandum	Kerala	367419	Debasis Sundhararajan	9810978561	LM010@gmail.com
	Medica Hospitals	45,pnslyt,kalyanngr,blr-43, Kalyan Nagar	Bangalore	Karnataka	520828	Debasis Sundhararajan	9810978561	LM010@gmail.com
	Metro Group of Hospitals	3-5-784/15, King Koti	Hyderabad	Telangana	101213	Jitendra Choudhary	9810978568	LM017@gmail.com
	Narayana Health	N C Kelkar Road, Nr Kabutar Khana, Opp Maruti Mandir, Dadar(w)	Mumbai	Maharashtra	230003	Gopa Trilochana	9810978565	LM014@gmail.com

```
CREATE OR REPLACE VIEW clinic_with_no_ambulance AS
SELECT
    c.clinic_name,c.address,c.city, c.state, c.zip_code, u.full_name as doctor_name,
    u.phoneNumber, u.personal_emailID
FROM
    clinics c
    JOIN
    users u ON c.doctor = u.user_ID
WHERE
    c.ambulance = ''
ORDER BY c.clinic_name;
```



VIEWS FOR THE COO

IDENTIFY THE DOCTORS WITH RECURRING APPOINTMENTS

	last_appointment_date	start_time	end_time	doctor_name	specialisation	experience	department
►	2022-02-03	14:23:00	14:53:00	Gopa Trilochana	Neurologist	30	Neurology
	2022-02-08	14:52:00	15:22:00	Anju Dubey	VET	15	Veterinarian
	2022-02-10	14:56:00	15:26:00	Debasis Sundhararajan	Surgeon	13	General
	2022-02-12	18:19:00	18:49:00	Debasis Sundhararajan	Surgeon	13	General
	2022-02-13	23:54:00	00:24:00	Gopa Trilochana	Neurologist	30	Neurology
	2022-02-15	15:39:00	16:09:00	Darpan Govil	VET	5	Veterinarian
	2022-02-16	15:04:00	15:34:00	Jitendra Choudhary	Orthopedic	15	Osteology
	2022-02-17	21:05:00	21:35:00	Pradeep Sinha	VET	7	Veterinarian
	2022-02-18	17:16:00	17:46:00	Kavya Chaudhary	VET	14	Veterinarian
	2022-02-20	13:51:00	14:21:00	Payal Motwani	VET	19	Veterinarian
	2022-02-21	12:10:00	12:40:00	Avantas Ghosal	Heart Spec...	24	Cardiology
	2022-02-22	13:10:00	13:40:00	Aakash Ravi	VET	18	Veterinarian

```
CREATE OR REPLACE VIEW recurring_appointments AS
SELECT
    a.Appointment_Date as last_appointment_date, a.start_time, a.end_time, u.full_name as
    doctor_name, u.specialisation, u.experience, u.department
FROM
    appointments a
    JOIN
    users u ON a.doctor = u.user_ID
WHERE
    a.recurring = 1
ORDER BY a.Appointment_Date;
```



VIEWS FOR THE CEO

IDENTIFY ALL THE USERS WHO HAVE
GIVEN NEGATIVE FEEDBACK

	full_name	gender	login_as	age	personal_emailID	feedback_subject	feedback_description	rating
►	Barsati Sandipa	F	Patient	309214	LM009@gmail.com	service	long waiting & unavailability of doctor	2
	Asvathama Ponnada	M	Patient	270017	LM006@gmail.com	service	less staff	1
	Darpan Govil	M	Doctor	360009	LM022@gmail.com	service	difficulty in payment	1

```
CREATE OR REPLACE VIEW negative_feedback_users AS
SELECT
u.full_name,u.gender,u.login_as,(curdate() - u.dateOfBirth) as
age,u.personal_emailID,f.feedback_subject,f.feedback_description,f.rating
FROM
  users u
  JOIN
  feedback f ON f.given_by = u.user_ID
WHERE
  f.feedback_type = 'negative'
ORDER BY f.feedback_date;
```



VIEWS FOR THE CEO

IDENTIFY ALL THE ESCALATED TICKETS

	full_name	personal_emailID	issue_related_to	ticket_description
▶	Jitendra Choudhary	LM017@gmail.com	Finance	Doctor fee deducted twice
	Debasis Sundhararajan	LM010@gmail.com	Finance	Doctor fee deducted twice

```
CREATE OR REPLACE VIEW escalated_tickets AS
SELECT
    u.full_name ,u.personal_emailID,t.issue_related_to,t.ticket_description
FROM
    users u
    JOIN
    ticket t ON u.user_ID = t.user_id
WHERE
    t.ticket_status = 'ESCALATED';
```



VIEWS FOR THE CEO

IDENTIFY COUNT OF USERS BASED ON SUBSCRIPTION

	subscription_type	number_of_users
▶	Patient Plan	13
	Free	3
	Doctor Plan	15

```
CREATE OR REPLACE VIEW users_based_on_subscription AS
SELECT
    subscription_type, count(user_ID) as number_of_users
FROM
    users
GROUP BY subscription_type;
```



VIEWS FOR THE CEO

IDENTIFY ALL THE USERS STATE WISE

	state	count(user_ID)
▶	New Delhi	6
	Maharashtra	6
	Karnataka	5
	Kerala	5
	Telangana	5
	UP	4

```
CREATE OR REPLACE VIEW statewise_users AS
SELECT
state ,count(user_ID)
FROM
  users
GROUP BY state;
```



VIEWS FOR THE CEO

IDENTIFY ALL THE INACTIVE CLINICS

	clinic_name	email	city	state	zip_code
▶	Health Care Global	Health Care Global@gmail.com	Hyderabad	Telangana	174967
	Metro Group of Hospitals	Metro Group of Hospitals@gmail.com	Hyderabad	Telangana	101213
	LifeSpring Hospitals	LifeSpring Hospitals@gmail.com	Hyderabad	Telangana	349701

```
CREATE OR REPLACE VIEW inactive_clinics AS
SELECT
clinic_name,email,city,state,zip_code
FROM
  clinics
WHERE active_status='0';
```



VIEWS FOR THE CFO

IDENTIFY ALL THE RECORDS WHOSE ACCOUNTS ARE PAYABLE

	transactionID	payment_method	transaction_type	transaction_date	payable_amount
▶	9723-8014-4727-3686	Debit card	Office Rent	2023-01-30	500
	9307-8494-6449-6998	Credit Card	Purchase of Asset	2022-05-12	25000
	1929-9502-1450-8913	Net Banking	Marketing	2023-01-01	4500

```
CREATE OR REPLACE VIEW accounts_payable AS
SELECT
    transactionID,payment_method,transaction_type,transaction_date,
    (actual_amount-transaction_amount) as payable_amount
FROM
    expenses
WHERE transaction_amount < actual_amount;
```



VIEWS FOR THE CFO

IDENTIFY ALL THE RECORDS WHOSE ACCOUNTS
ARE RECEIVABLE

	transactionID	payment_method	transaction_type	transaction_date	receivable_amount
▶	78458jhgftdrty	Net Banking	Commission	2022-03-09	49824
	jdff94584	Net Banking	Commission	2022-04-10	45055

```
CREATE OR REPLACE VIEW accounts_receivable AS
SELECT
    transactionID,payment_method,transaction_type,transaction_date,
    (actual_amount-transaction_amount) as receivable_amount
FROM
    income
WHERE transaction_amount < actual_amount;
```



VIEWS FOR THE CFO

A CUSTOMER MENTIONED THAT DUE TO A SYSTEM ERROR, THEY HAD PAID MORE THAN THE ACTUAL AMOUNT, IDENTIFY THE RECORD AND THE AMOUNT TO BE PAID

	transactionID	payment_method	transaction_type	transaction_date	amount_to_be_paid_back
▶	lkjou912732	UPI	Commission	2022-04-12	23770

```
CREATE OR REPLACE VIEW excess_amount_received AS
SELECT
    transactionID,payment_method,transaction_type,transaction_date,
    ABS(actual_amount-transaction_amount) as amount_to_be_paid_back
FROM
    income
WHERE transaction_amount > actual_amount;
```



VIEWS FOR THE CFO

FIND OUT INFORMATION ABOUT THE INCOME
GENERATED FROM HOSPITALS AND THE
RECEIVABLE AMOUNT, IF ANY.

	transactionID	payment_method	transaction_type	transaction_date	hospital_name	GSTIN	emailID	receivable_amount
▶	23457jhhg	Net Banking	Commission	2022-04-08	Apollo	29RTISW154P7A5	Apollo@gmail.com	0
	jdff94584	Net Banking	Commission	2022-04-10	Med Star	29LHBF7196T2M6	Med Star@gmail.com	45055

```
CREATE OR REPLACE VIEW hospital_income AS
SELECT
i.transactionID,i.payment_method,i.transaction_type,i.transaction_date,
h.hospital_name, h.GSTIN, h.emailID, (i.actual_amount-i.transaction_amount) as
receivable_amount
FROM
income i
JOIN
hospitals h ON i.hospital_id = h.hospital_ID
ORDER BY i.transaction_date;
```



VIEWS FOR THE CFO

PROVIDE AN EXPENDITURE REPORT

	transaction_type	total_expenditure	payable_amount
▶	Office Rent	1500	500
	Salary	124166	0
	Fuel Charges	9865	0
	Purchase of Asset	55000	25000
	Stationery	4000	0
	Marketing	4500	4500

```
CREATE OR REPLACE VIEW expenditure_report AS
SELECT
    transaction_type, sum(transaction_amount) as total_expenditure,
    sum(actual_amount-transaction_amount) as payable_amount
FROM
    expenses
GROUP BY transaction_type;
```



VIEWS FOR THE CMO

PREPARE A REPORT FOR A CAMPAIGN TO SEND
TIPS_N_INFO TO USERS WITH CERTAIN HEALTH CONDITIONS

	full_name	gende	blood	Usual_Require	personal_email	health_conditic	health_condition_description	title	tip_description
▶	Amrish Ilyas	M	A-	HK Vitals	LM004@gmail.cc	Anxiety	Anxiety is a feeling of unease such as worry or fear that can be mild or severe.	How to Reduce Anxiety Right Here Right Now	1 Breathe 2 Name what you're feeling 3 Try the 54321 coping technique 4 Try the File It mind exercise 5 Run 6 Think about something funny 7 Distract yourself 8 Take a cold shower or an ice plunge
	Aditi Musunur	F	B-	Inhaler	LM001@gmail.cc	Asthma	Asthma is a common long-term condition that can cause coughing and breathlessness.	Home Remedies for an Asthma Attack	1 do your best to keep calm 2 take a puff of your rescue medication inhaler 3 stand or sit up straight
	Asvathama Ponnada	M	AB-	Dolo 650	LM006@gmail.cc	Common cold	A cold is a mild viral infection of the nose throat sinuses and upper airways. It's very common and usually clears up on its own within a week or two.	What works what doesn't what can't hurt	1 Stay hydrated 2 Rest 3saltwater gargle 4 Sip warm liquids 5 Try honey
	Devasru Subramanyan	M	A-	Maharishi Ayurveda	LM011@gmail.cc	Diabetes	Diabetes is a lifelong condition that causes a person's blood glucose (sugar) level to become too high.	Natural Home Remedies For Diabetes	1 Stress management 2 Eating right 3 Exercise 4 Onion 5 Bel 6 Neem 7 Babul 8 Aloe Vera

```
CREATE OR REPLACE VIEW tips_campaign AS
SELECT
u.full_name,u.gender,u.blood_group,u.Usual_Requirements,u.personal_emailID,h.health_con
dition_name,h.health_condition_description,t.title,t.tip_description
FROM
users u
JOIN
health_condition h ON u.health_condition = h.health_condition_id
JOIN
tips_n_info t ON h.health_condition_id = t.health_condition;
```



VIEWS FOR THE CMO

PREPARE A REPORT TO HELP YOUR INSURANCE PARTNER IN MARKETING VARIOUS INSURANCE OFFERS TO YOUR PATIENTS WITHOUT ANY INSURANCE BUT FACING A HEALTH ISSUE.

	full_name	gender	blood_group	Usual_Requirements	personal_emailID	health_condition_name	health_condition_description
▶	Aditi Musunur	F	B-	Inhaler	LM001@gmail.com	Asthma	Asthma is a common long-term condition that can cause coughing and breathlessness.
	Amrith Ilyas	M	A-	HK Vitals	LM004@gmail.com	Anxiety	Anxiety is a feeling of unease such as worry or fear that can be mild or severe.
	Devasru Subramanyan	M	A-	Maharishi Ayurveda	LM011@gmail.com	Diabetes	Diabetes is a lifelong condition that causes a person's blood glucose (sugar) level to become too high.

CREATE OR REPLACE VIEW insurance_required AS
SELECT

```
u.full_name,u.gender,u.blood_group,u.Usual_Requirements,u.personal_emailID,h.health_condition_name,h.health_condition_description
FROM
users u
JOIN
health_condition h ON u.health_condition = h.health_condition_id
WHERE u.Insurance = '0';
```



VIEWS FOR THE CMO

PREPARE A REFERRAL LEADERBOARD TO
SEND COUPONS TO THE REFERRERS

	full_name	personal_emailID	referral_date
►	Asvathama Ponnada	LM006@gmail.com	2022-11-25
	Avantas Ghosal	LM007@gmail.com	2022-11-15
	Barsati Sandipa	LM009@gmail.com	2022-05-01
	Dhritiman Salim	LM013@gmail.com	2022-08-27
	Jayadev Mitali	LM016@gmail.com	2023-03-02
	Anju Dubey	LM027@gmail.com	2022-03-31
	Lokesh Tripathi	LM028@gmail.com	2022-01-26

```
CREATE OR REPLACE VIEW referral_leaderboard AS
SELECT
u.full_name,u.personal_emailID,r.referral_date
FROM
  users u
  JOIN
  referrals r ON u.Referral_code = r.Referred_code
GROUP BY u.full_name;
```



VIEWS FOR THE CMO

IDENTIFY ALL THE PATIENTS WITH MONTHLY
PLAN TO SEND THEM OFFERS FOR YEARLY PLAN

	full_name	gender	personal_emailID
▶	Alagesan Poduri	M	LM003@gmail.com
	Amrish Ilyas	M	LM004@gmail.com
	Asvathama Ponnada	M	LM006@gmail.com
	Barsati Sandipa	F	LM009@gmail.com
	Devasru Subramanyan	M	LM011@gmail.com
	Dhritiman Salim	F	LM013@gmail.com
	Kalyanavata Veerender	M	LM018@gmail.com
	Naveen Tikaram	M	LM019@gmail.com

```
CREATE OR REPLACE VIEW monthly_plan_users AS
SELECT
  full_name,gender,personal_emailID
FROM
  users
WHERE plan_type = 'Monthly' and subscription_type='Patient Plan';
```



VIEWS FOR THE CMO

IDENTIFY ALL THE USERS WITH BLOOD GROUP AS O- FOR A BLOOD DONATION CAMPAIGN

	full_name	gender	login_as	dateOfbirth	personal_emailID
▶	Avidosa Vaisakhi	F	Patient	2004-06-21	LM008@gmail.com
	Lokesh Tripathi	M	Doctor	1997-10-10	LM028@gmail.com

```
CREATE OR REPLACE VIEW blood_donation_campaign AS
SELECT
    full_name,gender,login_as,dateOfbirth,personal_emailID
FROM
    users
WHERE blood_group = 'O-';
```



VIEWS FOR THE CTO

IDENTIFY ALL THE ERROR LOGS BY VARIOUS USERS

	created_date	title	activity_description	activity_type	user_type	name_of_user
▶	2022-01-13	Expenses	Delete some expenses	Delete	Patient	Hardeep Suksma
	2022-02-06	Feedback	Add a feature of Post Feedback	Create	Doctor	Debasis Sundhararajan
	2022-02-10	Appointments	Add an attribute	Update	Patient	Kalyanavata Veerender
	2022-03-10	Clinics	Add an attribute	Update	Patient	Amrish Ilyas

CREATE OR REPLACE VIEW error_logs AS

SELECT

 a.created_date, a.title,a.activity_description,a.activity_type,u.login_as
as user_type, u.full_name as name_of_user

FROM

 activity_tracker a

JOIN

 users u ON a.assigned_to = u.user_ID

WHERE

 a.activity_status='Error'

ORDER BY a.created_date;



VIEWS FOR THE CTO

IDENTIFY ALL THE MODIFIED LOGS BY
VARIOUS USERS

	created_date	last_modified_date	title	activity_description	activity_type	user_type	name_of_user
▶	2022-01-01	2022-01-06	Appointments	Add an attribute	Update	Patient	Dhritiman Salim
	2022-02-14	2022-02-19	Ambulance	Add an attribute	Update	Doctor	Gopa Trilochana
	2022-02-18	2022-02-23	Clinics	Add an attribute	Update	Doctor	Avantas Ghosal
	2022-02-22	2022-02-27	Expenses	Delete some expenses	Delete	Patient	Naveen Tikaram
	2022-02-26	2022-03-03	Feedback	Add a feature of Post Feedback	Create	Patient	Alagesan Poduri
	2022-03-22	2022-03-27	Ambulance	Add an attribute	Update	Developer	Advitiya Sujeet

```
CREATE OR REPLACE VIEW modified_logs AS
SELECT
a.created_date,
a.last_modified_date,a.title,a.activity_description,a.activity_type,u.login_as as
user_type, u.full_name as name_of_user
FROM
    activity_tracker a
    JOIN
    users u ON a.assigned_to = u.user_ID
WHERE
    NOT a.created_date=a.last_modified_date
ORDER BY a.created_date;
```



VIEWS FOR THE CTO

IDENTIFY ALL THE USERS WITH EDIT ACCESS

	full_name	login_as	username	last_login
▶	Aditi Musunur	Patient	lyftheshiningminered	2023-01-01
	Debasis Sundhararajan	Doctor	lyfsunsetblvdpure	2022-06-01
	Advitiya Sujeet	Developer	lyfadmin	2022-12-01

```
CREATE OR REPLACE VIEW users_with_edit_access AS
SELECT
    u.full_name, u.login_as, r.username, r.last_login
FROM
    users u
JOIN
    user_role r ON r.user_id = u.user_ID
WHERE r.edit_access='1';
```



VIEWS FOR THE CTO

IDENTIFY ALL THE INACTIVE USERS

	full_name	login_as	username	last_login
▶	Avantas Ghosal	Doctor	lyfdownfallvirgamir	2022-04-01
	Devasru Subramanyan	Patient	lyfhippopotamustea	2022-07-01
	Dhritiman Salim	Patient	lyfraspberycowant	2022-09-01
	Kalyanavata Veerender	Patient	lyforangepigtoad	2022-11-01
	Jitendra Choudhary	Doctor	lyfleiaduckmilk	2022-01-01
	Aprativirya Seshan	Patient	lyftenorcereal	2022-05-01

```
CREATE OR REPLACE VIEW inactive_users AS
SELECT
    u.full_name, u.login_as,r.username,r.last_login
FROM
    users u
    JOIN
    user_role r ON r.user_id = u.user_ID
WHERE u.active_status='0';
```



VIEWS FOR THE CTO

IDENTIFY ALL THE USERS WHO HAVE LOGGED
IN RECENTLY

	full_name	login_as	username	last_login
▶	Aditi Musunur	Patient	lyftheshiningminered	2023-01-01
	Alagesan Poduri	Patient	lyfcandysourcreamowl	2023-02-01
	Amrish Ilyas	Patient	lyfskatorangejuice	2023-03-01

```
CREATE OR REPLACE VIEW recent_login AS
SELECT
    u.full_name, u.login_as,r.username,r.last_login
FROM
    users u
JOIN
    user_role r ON r.user_id = u.user_ID
WHERE YEAR(r.last_login)='2023';
```



VIEWS FOR THE CHRO

IDENTIFY THE CURRENT EMPLOYEES WHO
HAVE OPTED FOR BOTH PF AND ESI

	full_name	work_emailID	joiningDate	department	designation	current_salary
▶	Sakshi	Sakshi@lm.ac.in	2020-04-08	technical	developer	500000
	Shambhavi	Shambhavi@lm.ac.in	2020-12-09	technical	developer	500000
	Nimisha	Nimisha@lm.ac.in	2020-02-13	technical	developer	750000
	Ekta	Ekta@lm.ac.in	2020-03-06	Creatives	content writer	300000

```
CREATE OR REPLACE VIEW pf_esi_employee AS
SELECT
    full_name, work_emailID, joiningDate, department, designation, current_salary
FROM
    employee
WHERE PF = '1' AND ESI = '1' AND active_status = '1';
```



VIEWS FOR THE CHRO

IDENTIFY ALL THE CURRENT EMPLOYEES WITH NO. OF LEAVES MORE THAN 10 DAYS THIS MONTH.

	full_name	work_emailID	department	designation	no_of_leaves_taken
▶	Dhruv	Dhruv@lm.ac.in	support & service	driver	12
	Ekta	Ekta@lm.ac.in	Creatives	content writer	13
	Shambhavi	Shambhavi@lm.ac.in	technical	developer	14
	Uday	Uday@lm.ac.in	support & service	driver	15
	Yash	Yash@lm.ac.in	R&D	research intern	15
	Priya	Priya@lm.ac.in	support & service	driver	17
	Shubham	Shubham@lm.ac.in	support & service	driver	18
	Parth	Parth@lm.ac.in	support & service	driver	19
	Nimisha	Nimisha@lm.ac.in	technical	developer	19
	Saurav	Saurav@lm.ac.in	support & service	driver	19

```
CREATE OR REPLACE VIEW many_leaves AS
SELECT
    e.full_name, e.work_emailID,e.department,e.designation,a.no_of_leaves_taken
FROM
    attendance a
JOIN
    employee e ON a.employee_id = e.employeeID
WHERE
    a.no_of_leaves_taken>10 AND e.active_status = '1'
ORDER BY a.no_of_leaves_taken;
```



VIEWS FOR THE CHRO

IDENTIFY ALL THE CURRENT EMPLOYEES WHO HAVE WORKED OVERTIME MORE THAN 5 TIMES THIS MONTH.

	full_name	work_emailID	department	designation	no_of_overtime
►	Dhruv	Dhruv@lm.ac.in	support & service	driver	9
	Ekta	Ekta@lm.ac.in	Creatives	content writer	8
	Nimisha	Nimisha@lm.ac.in	technical	developer	6
	Parth	Parth@lm.ac.in	support & service	driver	12
	Priya	Priya@lm.ac.in	support & service	driver	8
	Sakshi	Sakshi@lm.ac.in	technical	developer	11
	Saurav	Saurav@lm.ac.in	support & service	driver	11
	Shambhavi	Shambhavi@lm.ac.in	technical	developer	7
	Shivangi	Shivangi@lm.ac.in	support & service	driver	7
	Uday	Uday@lm.ac.in	support & service	driver	6

```
CREATE OR REPLACE VIEW overtime_work AS
SELECT DISTINCT
    e.full_name, e.work_emailID,e.department,e.designation, a.no_of_overtime
FROM
    attendance a
JOIN
    employee e ON a.employee_id = e.employeeID
WHERE
    a.no_of_overtime > 5 AND e.active_status = '1'
ORDER BY e.full_name;
```



VIEWS FOR THE CHRO

IDENTIFY ALL THE CURRENT FEMALE EMPLOYEES WHOSE AGE IS GREATER THAN 24.

	full_name	work_emailID	joiningDate	department	designation	current_salary
▶	Pranjal	Pranjal@lm.ac.in	2019-07-07	technical	developer	500000
	Sakshi	Sakshi@lm.ac.in	2020-04-08	technical	developer	500000
	Shambhavi	Shambhavi@lm.ac.in	2020-12-09	technical	developer	500000
	Sindhu	Sindhu@lm.ac.in	2015-05-22	support & service	driver	240000
	Nimisha	Nimisha@lm.ac.in	2020-02-13	technical	developer	750000
	Shivangi	Shivangi@lm.ac.in	2019-08-14	support & service	driver	300000
	Prachi	Prachi@lm.ac.in	2019-06-05	R&D	research intern	180000
	Ekta	Ekta@lm.ac.in	2020-03-06	Creatives	content writer	300000
	Parul	Parul@lm.ac.in	2020-07-07	Creatives	photo and video editing	360000
	Pooja	Pooja@lm.ac.in	2020-02-01	support & service	driver	240000
	Priya	Priya@lm.ac.in	2020-06-10	support & service	driver	240000

```
CREATE OR REPLACE VIEW female_employees_more_than_24 AS
SELECT
    full_name, work_emailID, joiningDate, department, designation, current_salary
FROM
    employee
WHERE curdate() - dateOfBirth >24 AND gender= 'F' AND active_status = '1';
```



VIEWS FOR THE CHRO

FIND THE AVERAGE SALARY OF ALL EMPLOYEES WHO HAVE WORK EXPERIENCE 5 YEARS OR MORE.

	department	average_salary
▶	technical	625000.0000
	support & service	240000.0000
	R&D	180000.0000

```
CREATE OR REPLACE VIEW average_salary_five_years_work_or_more AS
SELECT
department, AVG(current_salary) AS average_salary
FROM
  employee e
WHERE work_exp_yrs > 5
GROUP BY department
ORDER BY average_salary DESC;
```



**WHAT ARE
OUR KEY
TAKE
AWAYS?**



Importance of
data modeling
and designing

Querying
and
manipulating
data

Learning
about data
governance,
security, and
privacy

Understanding
the role of data
warehousing

Understanding
big data, its
challenges, &
opportunities

Identifying
different
types of
database
systems

Designing and
implementing a
database
system

Learning
about data
quality and
its
importance





THANK YOU!