



## LIFE INSURANCE

We all have a future. Make sure it's secure.

Made by:-Himesh Patel  
INSURANCE BASE  
MANAGEMENT SYSTEM

## LIFE INSURANCE BASE MANAGEMENT SYSTEM

### Objective:

The objective of insurance is to financially guard against unpredictable life occurrences. In short, when you buy an insurance policy, you make monthly payments, called premiums to purchase protection from monetary repercussions related to things like accidents, illness or even death. Insurance policies provide a lumpsum money to financially support your family.

### **Table Structures;**

**CLIENT INFO:** This table contains the **information for the client** based on insurance branch.

```
MariaDB [insurance]> desc client_info;
```

Field	Type	Null	Key	Default	Extra
Client_ID	int(11)	NO	PRI	NULL	
Client_Name	varchar(20)	YES		NULL	
Age	int(11)	YES		NULL	
Gender	varchar(20)	YES		NULL	
Email	varchar(20)	YES		NULL	

```
5 rows in set (0.022 sec)

MariaDB [insurance]>
```

**POLICY INFO:** This table contains the information about Policy Details in branch.

```
MariaDB [insurance]> desc policy_info;
```

Field	Type	Null	Key	Default	Extra
Client_ID	int(11)	YES	MUL	NULL	
Policy_no	int(11)	NO	PRI	NULL	
Policy_holder_name	varchar(20)	YES		NULL	
Plan	varchar(20)	YES		NULL	
Premium	int(11)	YES		NULL	
Frequency	varchar(20)	YES		NULL	
Term_yrs	int(11)	YES		NULL	
Status	varchar(20)	YES		NULL	

```
8 rows in set (0.017 sec)
```

```
MariaDB [insurance]> _
```

**EMP DETAILS:** This table contains the information of the Employee Details in respective departments.

```
8 rows in set (0.017 sec)
```

```
MariaDB [insurance]> desc emp_details;
```

Field	Type	Null	Key	Default	Extra
Emp_id	int(11)	NO	PRI	NULL	
Emp_Name	varchar(20)	YES		NULL	
Gender	varchar(20)	YES		NULL	
Designation	varchar(20)	YES		NULL	
Department	varchar(20)	YES		NULL	

```
5 rows in set (0.023 sec)
```

```
MariaDB [insurance]> _
```

**POLICY SERVICES INFO** :This table contains the information about different Policy Services.

```
MariaDB [insurance]> desc policy_services;
```

Field	Type	Null	Key	Default	Extra
Client_ID	int(11)	YES	MUL	NULL	
Client_Name	varchar(20)	YES		NULL	
Request_for	varchar(20)	YES		NULL	
Request_no	int(11)	YES		NULL	
Assigned_emp	varchar(20)	YES		NULL	
Emp_id	int(11)	YES		NULL	

```
6 rows in set (0.015 sec)

MariaDB [insurance]>
```

## DATA ENTRIES:

### CLIENT INFO :

```
MariaDB [insurance]> select * from client_info;
```

Client_ID	Client_Name	Age	Gender	Email
11245500	Yogesh Shah	44	Male	gh@gmail.com
11245789	Rashi C	33	Female	xyz@yahoo.com
11247789	Vipul Patel	32	Male	vipul@gamil.com
12344787	Urmi D	28	Female	null
12345678	Kirtikumar	48	Male	321@yahoo.in
12345788	Divya Bajaj	45	Female	111@yahoo.com
12347891	Piyush M	48	Male	iii@hotmail.com
12388973	Meena	46	Female	null
12455221	Mukesh P	33	Male	mysql@gmail.com
14522147	Chetan Desai	34	Male	a_ha@gmail.com
14544571	Jinal Mehta	22	Female	null
14577898	Mohan Sengani	24	Male	cbc@yaho.com
14578569	Pratik S	46	Male	p_1@gmail.com
21456652	Nimesh Joshi	36	Male	sql@gmail.com
21457712	Rimple P	26	Female	cbc@yahoo.com
21457788	Seema B	29	Female	cima@gmail.com
21457874	Haresh Patel	41	Male	111@gmail.com
21458741	Jiten Mehta	54	Male	abc@gmail.com
21458789	Nihar P	31	Male	n111@gmail.com
45587893	Dilip T	38	Male	a12@ymail.com
45587989	Snehal T	29	Female	abc@ymail.com
58478412	Nitin P	41	Male	123@gmail.com

```
22 rows in set (0.001 sec)
```

```
MariaDB [insurance]> _
```

### EMP INFO :

```
MariaDB [insurance]> select * from emp_details;
```

Emp_id	Emp_Name	Gender	Designation	Department
114	Akshay	Male	Operation Services	Service
124	Mukesh Y	Male	Salesperson	Marketing
138	Chinmay	Male	Salesperson	Marketing
142	Nikita	Female	Associate HR	HR
214	Chetan K	Male	Operation Services	Service
216	Suchit Y	Male	Operation Services	Service
447	Sumit K	Male	Accounting	Finance
457	Tusshar Joshi	Male	Salesperson	Marketing
767	Jinal Makwana	Female	Accounting	Finance
787	Ajay D	Male	Accounting	Finance

```
10 rows in set (0.001 sec)
```

```
MariaDB [insurance]> _
```



## POLICY INFO :

```
MariaDB [insurance]> select * from policy_info;
```

Client_ID	Policy_no	Policy_holder_name	Plan	Premium	Frequency	Term_yrs	Status
12455221	24587	Mukesh Pa	Term Plan	14500	Quarterly	10	Active
14544571	111612	Jinal Mehta	Term Plan	21500	Quarterly	30	Lapsed
21458741	111654	Jiten Mehta	ULIP	22000	Annual	20	Matured
12345678	121457	Kirtikumar	Retirement Plan	21400	Annual	20	Revival
12388973	124578	Meena	Moneyback Plan	22500	Quarterly	20	Active
21458789	125879	Nihar P	ULIP	9880	Quarterly	20	Active
12347891	217851	Piyush M	Retirement Plan	22500	Annual	15	Revival
14522147	221452	Chetan Desai	ULIP	28800	Annual	40	Active
12344787	223479	Urmi D	Retirement Plan	14000	Semi Annual	40	Lapsed
45587893	224796	Dilip T	Moneyback Plan	11600	Annual	30	Active
14578569	225478	Pratik S	ULIP	20000	Quarterly	20	Matured
21457874	232659	Hareesh Patel	Term Plan	18000	Quarterly	25	Lapsed
11247789	236547	Vipul Patel	Term Plan	19900	Annual	30	Active
45587989	236589	Snehal	Term Plan	9800	Annual	30	Active
21457712	254798	Rimple P	ULIP	26500	Annual	35	Active
21457788	256478	Seema B	ULIP	12500	Semi Annual	40	Active
12345788	256987	Divya Bajaj	Term Plan	16250	Semi Annual	30	Lapsed
14577898	324223	Mohan Sengani	ULIP	12500	Semi Annual	40	Active
21456652	332145	Nimesh Joshi	ULIP	21000	Annual	15	Active
58478412	332146	Nitin P	ULIP	25000	Annual	28	Active
11245789	454789	Rashi C	Term Plan	18000	Annual	25	Revival
11245500	587893	Yogesh Shah	Moneyback Plan	16500	Semi Annual	10	Matured

```
22 rows in set (0.000 sec)
```

```
MariaDB [insurance]> _
```

## POLICY SERVICES INFORMATION :

```
MariaDB [insurance]> select * from policy_services;
```

Client_ID	Client_Name	Request_for	Request_no	Assigned_emp	Emp_id
14522147	Chetan Desai	Address updation	78742	Chetan	214
12347891	Piyush M	Loss of Policy Kit	78742	Suchit	138
21457712	Rimple P	Change of Mob No	18828	Chetan	214
58478412	Nitin P	New policy issuance	111	Chinmay	138
12345678	Kirtikumar	Claim Processing	182	Ajay	787
12345788	Divya Bajaj	Policy Revival	12445	Suchit	216
12455221	Mukesh P	Addition of nominee	1145	Chetan	214
12344787	Urmi D	Policy Revival	4578	Chetan	214
21457788	Seema B	Claim Processing	78741	Ajay	787
14577898	Mohan Sengani	New Policy issuance	1387	Mukesh	124
45587893	Dilip T	Policy Surrender	7878	Suchit	216
21458789	Nihar P	Change of branch	1245	Chetan	214
45587989	Snehal T	Policy surrender	4454	Chetan	214
12388973	Meena	Email id updation	7787	Suchit	216
11247789	Vipul Patel	Name correction	1124	Akshay	114

```
15 rows in set (0.001 sec)
```

## SUBQUERY :

- 1) Find out Name, Plan and Status of Policy holder who's Age is Greater than "40"?

Select Policy\_holder\_name,Plan,Status from Policy\_info where Policy\_holder\_name IN (select client\_name from Client\_info where Age > 40);

```
MariaDB [insurance]> Select Client_Name from Client_info where Age > 40;
```

Client_Name
Yogesh Shah
Kirtikumar
Divya Bajaj
Piyush M
Meena
Pratik S
Haresh Patel
Jiten Mehta
Nitin P

```
9 rows in set (0.001 sec)
```

  

```
MariaDB [insurance]> Select Policy_holder_name,Plan,Status from Policy_info where Policy_holder_name IN (Select Client_Name from Client_info where Age > 40);
```

Policy_holder_name	Plan	Status
Jiten Mehta	ULIP	Matured
Kirtikumar	Retirement Plan	Revival
Meena	Moneyback Plan	Active
Piyush M	Retirement Plan	Revival
Pratik S	ULIP	Matured
Haresh Patel	Term Plan	Lapsed
Divya Bajaj	Term Plan	Lapsed
Nitin P	ULIP	Active
Yogesh Shah	Moneyback Plan	Matured

```
9 rows in set (0.007 sec)
```

  

```
MariaDB [insurance]>
```

## 2) Display all Client details who's Request No's are not showing in Policy Services Department?

Select \* from Client\_info where Client\_Name NOT IN (Select Client\_Name from policy\_services);

```
MariaDB [insurance]> select Client_Name from policy_services;
```

Client_Name
Chetan Desai
Piyush M
Rimple P
Nitin P
Kirtikumar
Divya Bajaj
Mukesh P
Urmi D
Seema B
Mohan Sengani
Dilip T
Nihar P
Snehal T
Meena
Vipul Patel

```
15 rows in set (0.001 sec)
```

  

```
MariaDB [insurance]> select * from Client_info where Client_Name NOT IN (select Client_Name from policy_services);
```

Client_ID	Client_Name	Age	Gender	Email
11245500	Yogesh Shah	44	Male	gh@gmail.com
11245789	Rashi C	33	Female	xyz@yahoo.com
14544571	Jinal Mehta	22	Female	null
14578569	Pratik S	46	Male	p_1@gmail.com
21456652	Nimesh Joshi	36	Male	sql@gmail.com
21457874	Haresh Patel	41	Male	111@gmail.com
21458741	Jiten Mehta	54	Male	abc@gmail.com

```
7 rows in set (0.015 sec)
```



3). Display all Policy holder details who's premium amount is greater than policy holder "Urmi D"?

Select \* from policy\_info where Premium > (select Premium from policy\_info where Policy\_holder\_name="Urmi D");

```
Time 1
MariaDB [insurance]> select Premium from policy_info where Policy_holder_name="Urmi D";
+-----+
| Premium |
+-----+
| 14000 |
+-----+
1 row in set (0.000 sec)

MariaDB [insurance]> select * from policy_info where Premium > (select Premium from policy_info where Policy_holder_name="Urmi D");
+-----+-----+-----+-----+-----+-----+-----+-----+
| Client_ID | Policy_no | Policy_holder_name | Plan | Premium | Frequency | Term_yrs | Status |
+-----+-----+-----+-----+-----+-----+-----+-----+
| 12455221 | 24587 | Mukesh Pa | Term Plan | 14500 | Quarterly | 10 | Active |
| 14544571 | 111612 | Jinal Mehta | Term Plan | 21500 | Quarterly | 30 | Lapsed |
| 21458741 | 111654 | Jiten Mehta | ULIP | 22000 | Annual | 20 | Matured |
| 12345678 | 121457 | Kirtikumar | Retirement Plan | 21400 | Annual | 20 | Revival |
| 12388973 | 124578 | Meena | Moneyback Plan | 22500 | Quarterly | 20 | Active |
| 12347891 | 217851 | Piyush M | Retirement Plan | 22500 | Annual | 15 | Revival |
| 14522147 | 221452 | Chetan Desai | ULIP | 28800 | Annual | 40 | Active |
| 14578569 | 225478 | Pratik S | ULIP | 20000 | Quarterly | 20 | Matured |
| 21457874 | 232659 | Haresh Patel | Term Plan | 18000 | Quarterly | 25 | Lapsed |
| 11247789 | 236547 | Vipul Patel | Term Plan | 19900 | Annual | 30 | Active |
| 21457712 | 254798 | Rimple P | ULIP | 26500 | Annual | 35 | Active |
| 12345788 | 256987 | Divya Bajaj | Term Plan | 16250 | Semi Annual | 30 | Lapsed |
| 21456652 | 332145 | Nimesh Joshi | ULIP | 21000 | Annual | 15 | Active |
| 58478412 | 332146 | Nitin P | ULIP | 25000 | Annual | 28 | Active |
| 11245789 | 454789 | Rashmi C | Term Plan | 18000 | Annual | 25 | Revival |
| 11245500 | 587893 | Yogesh Shah | Moneyback Plan | 16500 | Semi Annual | 10 | Matured |
+-----+-----+-----+-----+-----+-----+-----+-----+
16 rows in set (0.008 sec)
```

## JOINS:

- 1) Display Client ID, Client Name, Policy No and Status using INNER JOIN:

```
MariaDB [insurance]> select Client_info.Client_ID,Client_info.Client_Name,Policy_info.Policy_no,Policy_info.Status from Client_info INNER JOIN Policy_info ON Client_info.Client_ID=Policy_info.Client_ID;
```

Client_ID	Client_Name	Policy_no	Status
12455221	Mukesh P	24587	Active
14544571	Jinal Mehta	111612	Lapsed
21458741	Jiten Mehta	111654	Matured
12345678	Kirtikumar	121457	Revival
12388973	Meena	124578	Active
21458789	Nihar P	125879	Active
12347891	Piyush M	217851	Revival
14522147	Chetan Desai	221452	Active
12344787	Urmi D	223479	Lapsed
45587893	Dilip T	224796	Active
14578569	Pratik S	225478	Matured
21457874	Hareesh Patel	232659	Lapsed
11247789	Vipul Patel	236547	Active
45587989	Snehal T	236589	Active
21457712	Rimple P	254798	Active
21457788	Seema B	256478	Active
12345788	Divya Bajaj	256987	Lapsed
14577898	Mohan Sengani	324223	Active
21456652	Nimesh Joshi	332145	Active
58478412	Nitin P	332146	Active
11245789	Rashi C	454789	Revival
11245500	Yogesh Shah	587893	Matured

22 rows in set (0.008 sec)

```
MariaDB [insurance]> .
```

- 2) Display Client ID, Policy No , Policy holder name and request for using FULL JOIN:

```
MariaDB [insurance]> select Policy_info.Client_ID,Policy_info.Policy_No,Policy_info.Policy_holder_name,Policy_services.Request_for from Policy_info LEFT JOIN Policy_services ON Policy_info.Client_ID=Policy_services.Client_ID UNION select Policy_info.Client_ID,Policy_info.Policy_No,Policy_info.Policy_holder_name,Policy_services.Request_for from Policy_info RIGHT JOIN Policy_services ON Policy_info.Client_ID=Policy_services.Client_ID;
```

Client_ID	Policy_No	Policy_holder_name	Request_for
12455221	24587	Mukesh Pa	Addition of nominee
14544571	111612	Jinal Mehta	NULL
21458741	111654	Jiten Mehta	NULL
12345678	121457	Kirtikumar	Claim Processing
12388973	124578	Meena	Email id updation
21458789	125879	Nihar P	Change of branch
12347891	217851	Piyush M	Loss of Policy Kit
14522147	221452	Chetan Desai	Address updation
12344787	223479	Urmi D	Policy Revival
45587893	224796	Dilip T	Policy Surrender
14578569	225478	Pratik S	NULL
21457874	232659	Hareesh Patel	NULL
11247789	236547	Vipul Patel	Name correction
45587989	236589	Snehal	Policy surrender
21457712	254798	Rimple P	Change of Mob No
21457788	256478	Seema B	Claim Processing
12345788	256987	Divya Bajaj	Policy Revival
14577898	324223	Mohan Sengani	New Policy issuance
21456652	332145	Nimesh Joshi	NULL
58478412	332146	Nitin P	New policy issuance
11245789	454789	Rashi C	NULL
11245500	587893	Yogesh Shah	NULL

22 rows in set (0.010 sec)

```
MariaDB [insurance]> .
```

3)Display Client ID, Policy No , Policy holder name and request for using RIGHT JOIN:

```
MariaDB [insurance]> select Policy_info.Client_ID,Policy_info.Policy_No,Policy_info.Policy_holder_name,Policy_services.Request_for from Policy_info RIGHT JOIN Policy_services ON Policy_info.Client_ID=Policy_services.Client_ID;
```

Client_ID	Policy_No	Policy_holder_name	Request_for
14522147	221452	Chetan Desai	Address updation
12347891	217851	Piyush M	Loss of Policy Kit
21457712	254798	Rimple P	Change of Mob No
58478412	332146	Nitin P	New policy issuance
12345678	121457	Kirtikumar	Claim Processing
12345788	256987	Divya Bajaj	Policy Revival
12455221	24587	Mukesh Pa	Addition of nominee
12344787	223479	Urmi D	Policy Revival
21457788	256478	Seema B	Claim Processing
14577898	324223	Mohan Sengani	New Policy issuance
45587893	224796	Dilip T	Policy Surrender
21458789	125879	Nihar P	Change of branch
45587989	236589	Snehal	Policy surrender
12388973	124578	Meena	Email id updation
11247789	236547	Vipul Patel	Name correction

15 rows in set (0.001 sec)

## VIEWS:

- 1) Create View Table of Policy\_Info\_singleclick:

```
MariaDB [insurance]> Create View Policy_info_singleclick as select * from Policy_info;
Query OK, 0 rows affected (0.011 sec)

MariaDB [insurance]> show tables;
+-----+
| Tables_in_insurance |
+-----+
| client_info          |
| emp_details          |
| policy_info          |
| policy_info_singleclick |
| policy_services      |
+-----+
5 rows in set (0.001 sec)
```

- 2) Update Frequency "Quarterly" to "Annual" in Client ID -14544571.

```
MariaDB [insurance]> select * from Policy_info_singleclick;
```

Client_ID	Policy_no	Policy_holder_name	Plan	Premium	Frequency	Term_yrs	Status
12455221	24587	Mukesh Pa	Term Plan	14500	Quarterly	10	Active
14544571	111612	Jinal Mehta	Term Plan	21500	Quarterly	30	Lapsed
21458741	111654	Jiten Mehta	ULIP	22000	Annual	20	Matured
12345678	121457	Kirtikumar	Retirement Plan	21400	Annual	20	Revival
12388973	124578	Meena	Moneyback Plan	22500	Quarterly	20	Active
21458789	125879	Nihar P	ULIP	9880	Quarterly	20	Active
12347891	217851	Piyush M	Retirement Plan	22500	Annual	15	Revival
14522147	221452	Chetan Desai	ULIP	28800	Annual	40	Active
12344787	223479	Urmi D	Retirement Plan	14000	Semi Annual	40	Lapsed
45587893	224796	Dilip T	Moneyback Plan	11600	Annual	30	Active
14578569	225478	Pratik S	ULIP	20000	Quarterly	20	Matured
21457874	232659	Haresh Patel	Term Plan	18000	Quarterly	25	Lapsed
11247789	236547	Vipul Patel	Term Plan	19900	Annual	30	Active
45587989	236589	Snehal	Term Plan	9800	Annual	30	Active
21457712	254798	Rimple P	ULIP	26500	Annual	35	Active
21457788	256478	Seema B	ULIP	12500	Semi Annual	40	Active
12345788	256987	Divya Bajaj	Term Plan	16250	Semi Annual	30	Lapsed
14577898	324223	Mohan Sengani	ULIP	12500	Semi Annual	40	Active
21456652	332145	Nimesh Joshi	ULIP	21000	Annual	15	Active
58478412	332146	Nitin P	ULIP	25000	Annual	28	Active
11245789	454789	Rashi C	Term Plan	18000	Annual	25	Revival
11245500	587893	Yogesh Shah	Moneyback Plan	16500	Semi Annual	10	Matured

```
22 rows in set (0.008 sec)

MariaDB [insurance]> _
```



```
MariaDB [insurance]> update Policy_info_singleclick SET Frequency="Annual" where Client_ID=14544571;
Query OK, 1 row affected (0.018 sec)
Rows matched: 1 Changed: 1 Warnings: 0
```

```
MariaDB [insurance]> select * from Policy_info_singleclick;
```

Client_ID	Policy_no	Policy_holder_name	Plan	Premium	Frequency	Term_yrs	Status
12455221	24587	Mukesh Pa	Term Plan	14500	Quarterly	10	Active
14544571	111612	Jinal Mehta	Term Plan	21500	Annual	30	Lapsed
21458741	111654	Jiten Mehta	ULIP	22000	Annual	20	Matured
12345678	121457	Kirtikumar	Retirement Plan	21400	Annual	20	Revival
12388973	124578	Meena	Moneyback Plan	22500	Quarterly	20	Active
21458789	125879	Nihar P	ULIP	9880	Quarterly	20	Active
12347891	217851	Piyush M	Retirement Plan	22500	Annual	15	Revival
14522147	221452	Chetan Desai	ULIP	28800	Annual	40	Active
12344787	223479	Urmi D	Retirement Plan	14000	Semi Annual	40	Lapsed
45587893	224796	Dilip T	Moneyback Plan	11600	Annual	30	Active
14578569	225478	Pratik S	ULIP	20000	Quarterly	20	Matured
21457874	232659	Hareesh Patel	Term Plan	18000	Quarterly	25	Lapsed
11247789	236547	Vipul Patel	Term Plan	19900	Annual	30	Active
45587989	236589	Snehal	Term Plan	9800	Annual	30	Active
21457712	254798	Rimple P	ULIP	26500	Annual	35	Active
21457788	256478	Seema B	ULIP	12500	Semi Annual	40	Active
12345788	256987	Divya Bajaj	Term Plan	16250	Semi Annual	30	Lapsed
14577898	324223	Mohan Sengani	ULIP	12500	Semi Annual	40	Active
21456652	332145	Nimesh Joshi	ULIP	21000	Annual	15	Active
58478412	332146	Nitin P	ULIP	25000	Annual	28	Active
11245789	454789	Rashi C	Term Plan	18000	Annual	25	Revival
11245500	587893	Yogesh Shah	Moneyback Plan	16500	Semi Annual	10	Matured

```
22 rows in set (0.001 sec)
```

```
MariaDB [insurance]> _
```

3) Drop the View Table Policy\_info\_singleclick.

```
MariaDB [insurance]> Drop View Policy_info_singleclick;
Query OK, 0 rows affected (0.001 sec)
```

```
MariaDB [insurance]> select * from Policy_info_singleclick;
ERROR 1146 (42S02): Table 'insurance.policy_info_singleclick' doesn't exist
MariaDB [insurance]> _
```

**THANK YOU**



