Database Documentation

Customer Entity

- MSISDN PK
- F+L Name
- Email
- Address
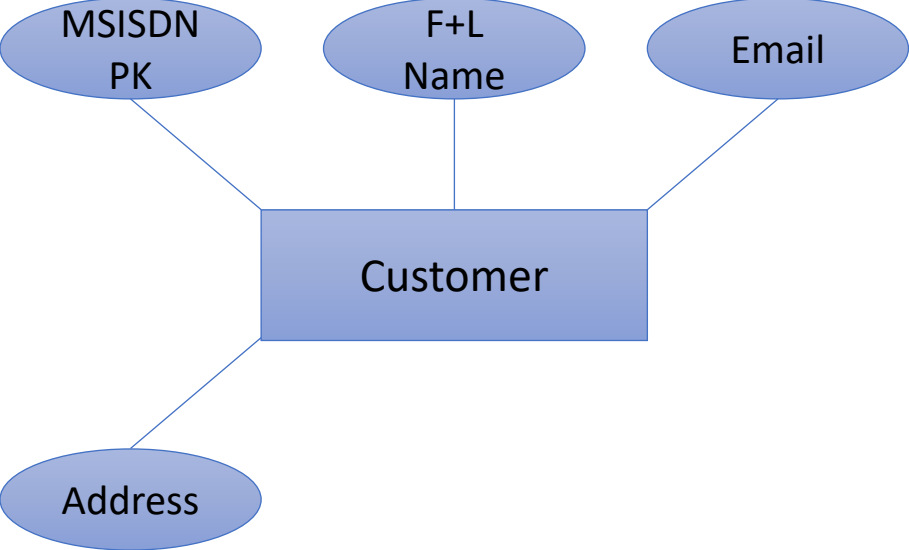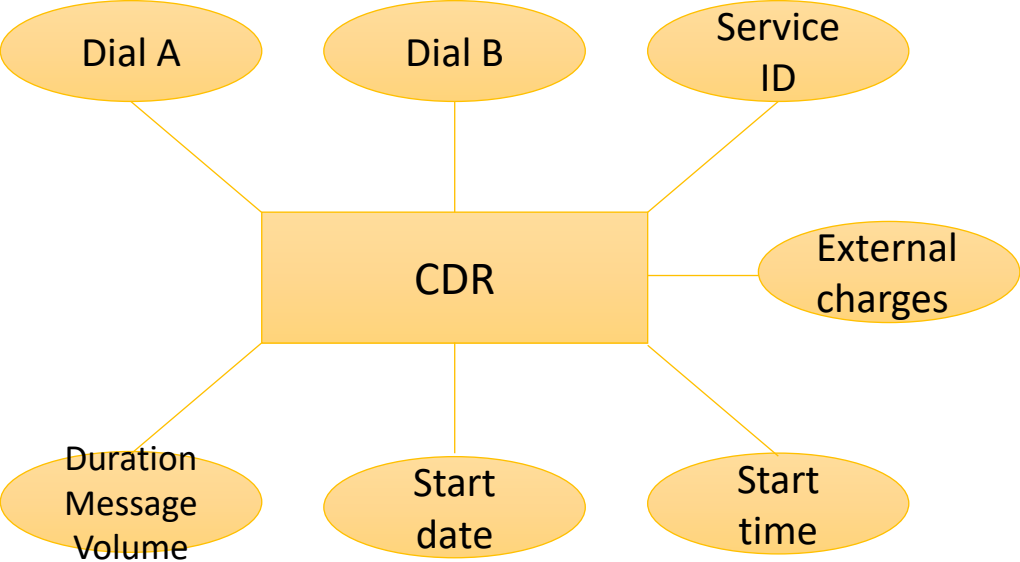
The Table That shows the relation between the customer and profile

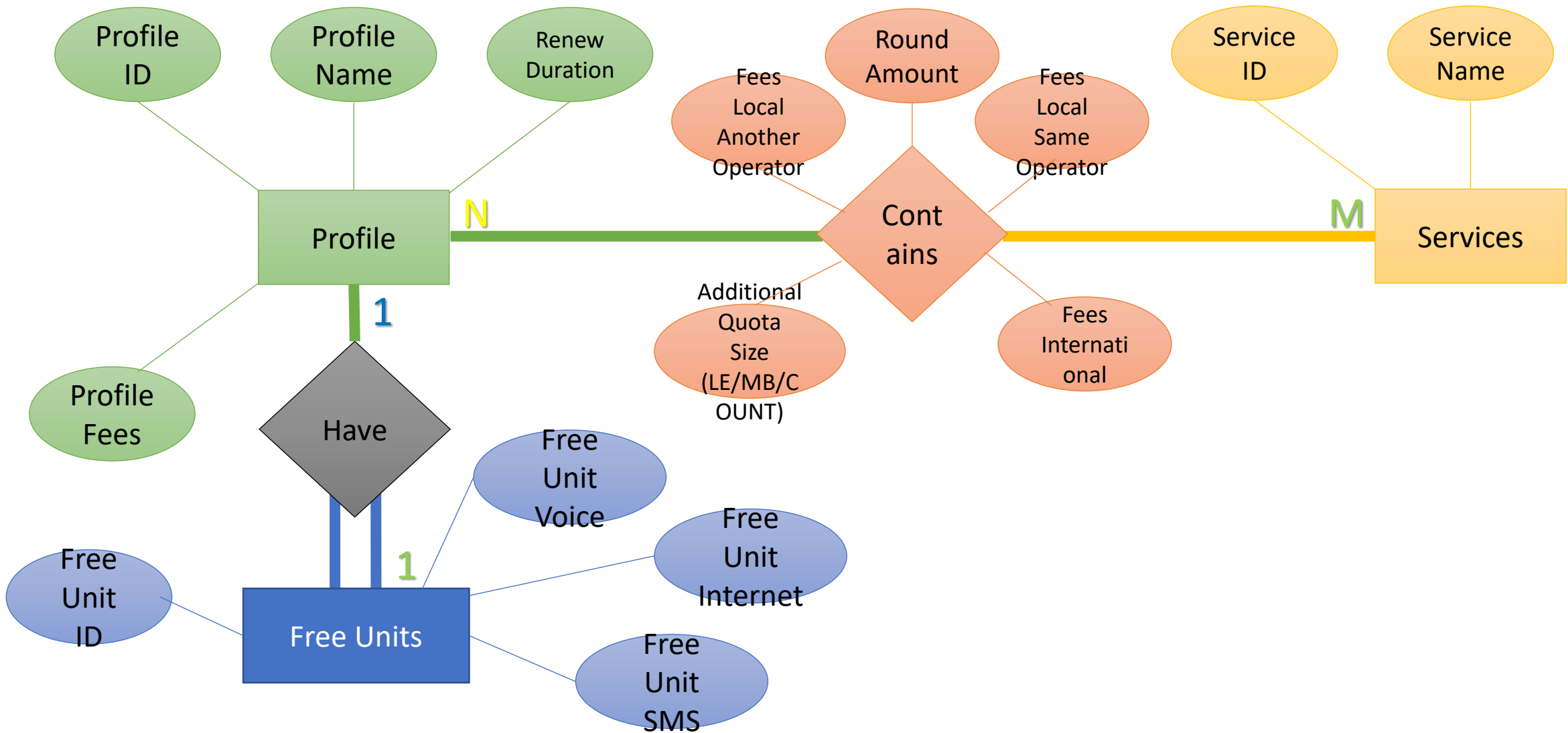| MSISDN	PROFILE ID	Date Of Starting	Date Of Ending	Additional Services

CDR Entity

- Dial A
- Dial B
- Service ID
- External charges
- Duration Message Volume
- Start date
- Start time

We Can Make A table for all CDRs instead of making a text file, so it will make things easier.

CDR	Dial A	Dial B	Service ID	Duration Message Volume	Start date	Start time	External charges

ERD Diagram

PID	SID	Round Amount	Fees Local Same Operator	Fees Local Another Operator	Fees International	Quota Size For Local (LE/MB/COUNT)	Quota Size For Local another operator (LE/MB/COUNT)	Quota Size For international (LE/MB/COUNT)
1	1	60	0.14	0.19	1.5	1500	500	0
1	2	1	0.14	0.19	1	500	100	10
1	3	1	0.25	0.25	2.5	10000	0	0

Tables

Customer	MSISDN PK	First Name	Last Name	Email	Address

Customer_Profile	MSISDN	PROFILE ID	Date Of Starting	Date Of Ending	Additional Services

Profile	Profile ID	PROFILE ID	Profile Name	Renew Duration	Profile Fees

Profile_Free Units	Profile ID	Free Unit ID

Free Units	Free Unit ID	Free Unit Voice	Free Unit SMS	Free Unit Internet

Services	Service ID	Service Name

Profile_Services	Profile ID	Service ID	Round Amount	Fees Local Same Operator	Fees Local Another Operator	Fees International	Additional Quota Size (LE/MB/COUNT)

Call

SMS

Internet

00201221234567,00201001234567,1,100,20190301,10:03:20,0