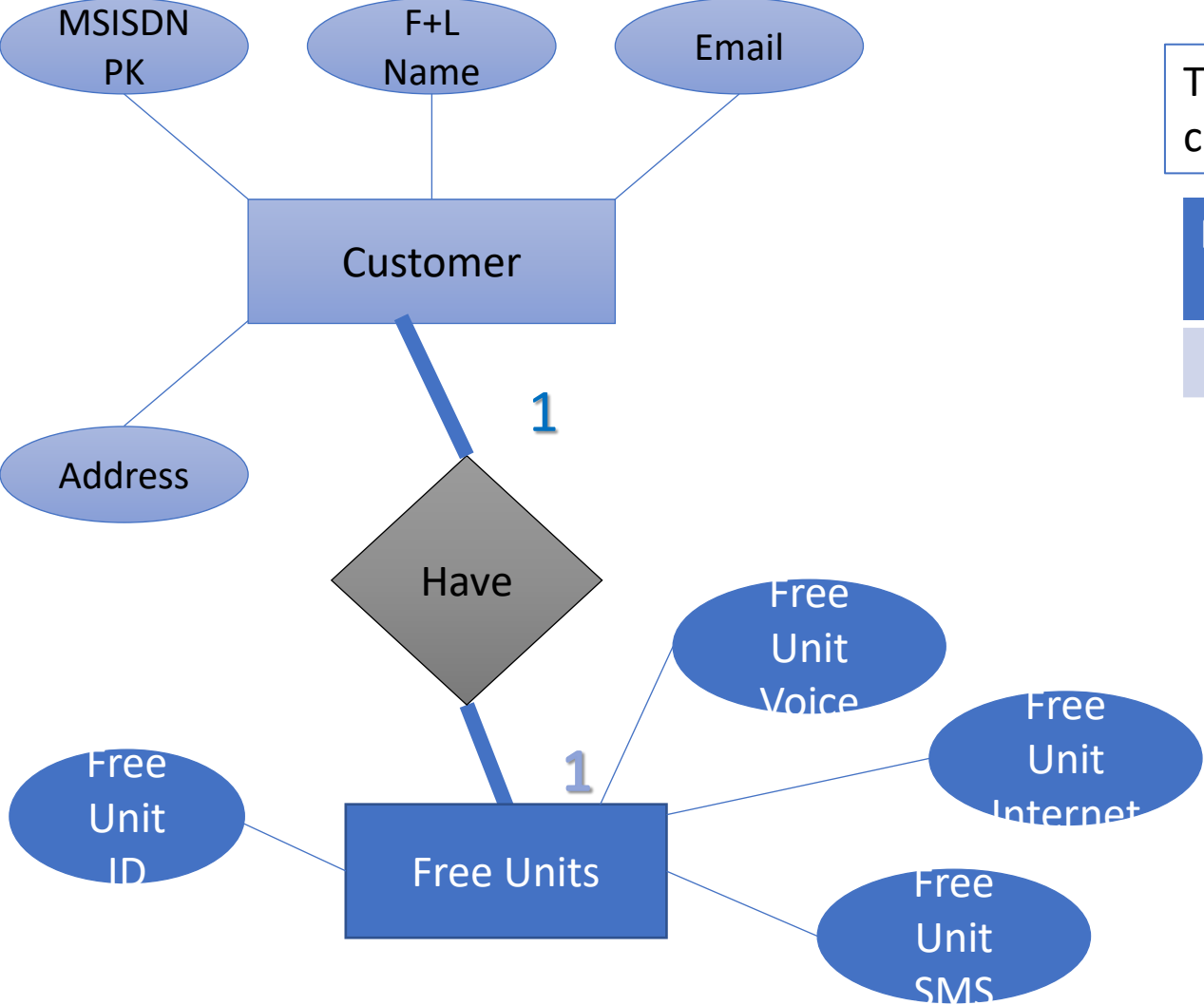


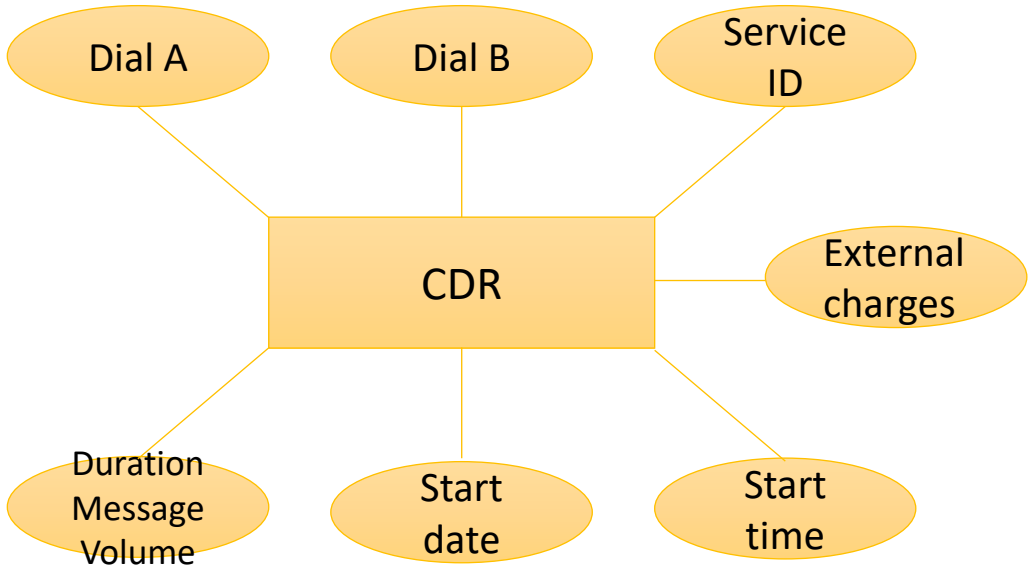
Database Documentation



The Table That shows the relation between the customer and profile

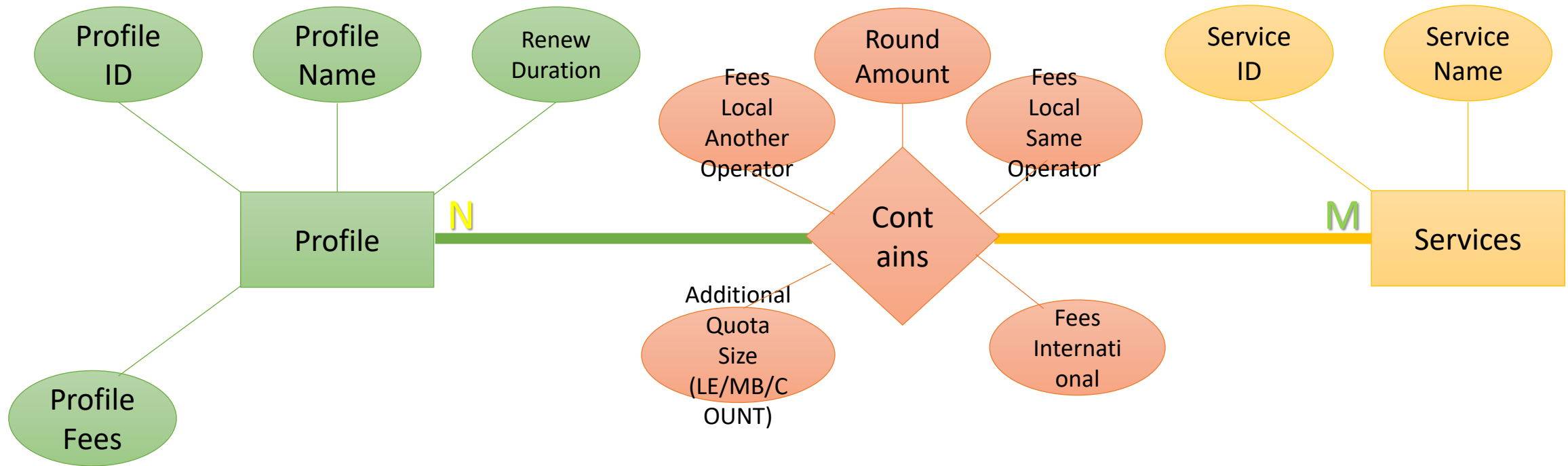
MSISDN	PROFILE ID	Date Of Starting	Date Of Ending	Additional Services

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



CDR	CDR ID (PK)	Dial A	Dial B	Service ID	Duration Message Volume	Start date	Start time	External charges	Is_Rating
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ERD Diagram



PID	SID	Round Amount	Fees Local Same Operator	Fees Local Another Operator	Fees Internatio nal	Quota Size For Local (LE/MB/C OUNT)	Quota Size For Local another operator (LE/MB/C OUNT)	Quota Size For internatio nal (LE/MB/C OUNT)
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	Services	Service ID (PK)	Service Name	Is_Recurring	Recurring Fees
Customer_Profile	MSISDN (PK)	PROFILE ID (PK)	Date Of Starting	Date Of Ending	Blocked Services	Free Unit Voice On Net	Free Unit Voice Cross Net	Free Unit SMS On Net	Free Unit SMS Cross Net	Free Unit Internet
Profile	Profile ID (PK)	Profile Name	Renew Duration	Profile Fees	Free Unit ID (FK)	One Time Service	One Time Service ID (PK)	Service Name	Service Fee	
Free Units	Free Unit ID (PK)	Free Unit Voice On Net	Free Unit Voice Cross Net	Free Unit SMS On Net	Free Unit SMS Cross Net	Free Unit Internet				
Profile_Services	Profile_Services ID (PK)	Profile ID (PK)	Service ID (PK)	Round Amount	Fees Local Same Operator	Fees Local Another Operator	Fees International			

Tables 2

UDR	UDR ID (PK)	CDR Number (PK)	Profile ID (PK)	Has_FreeUnit	Cost
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Customer_Profile _Services	MSISDN (PK)	Profile_Services ID (PK)	OCC ID (PK)
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OCC	OCC ID (PK)	MSISDN (PK)	One Time Service (PK)	One Time Service IS_Processed
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Call

SMS

Internet

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