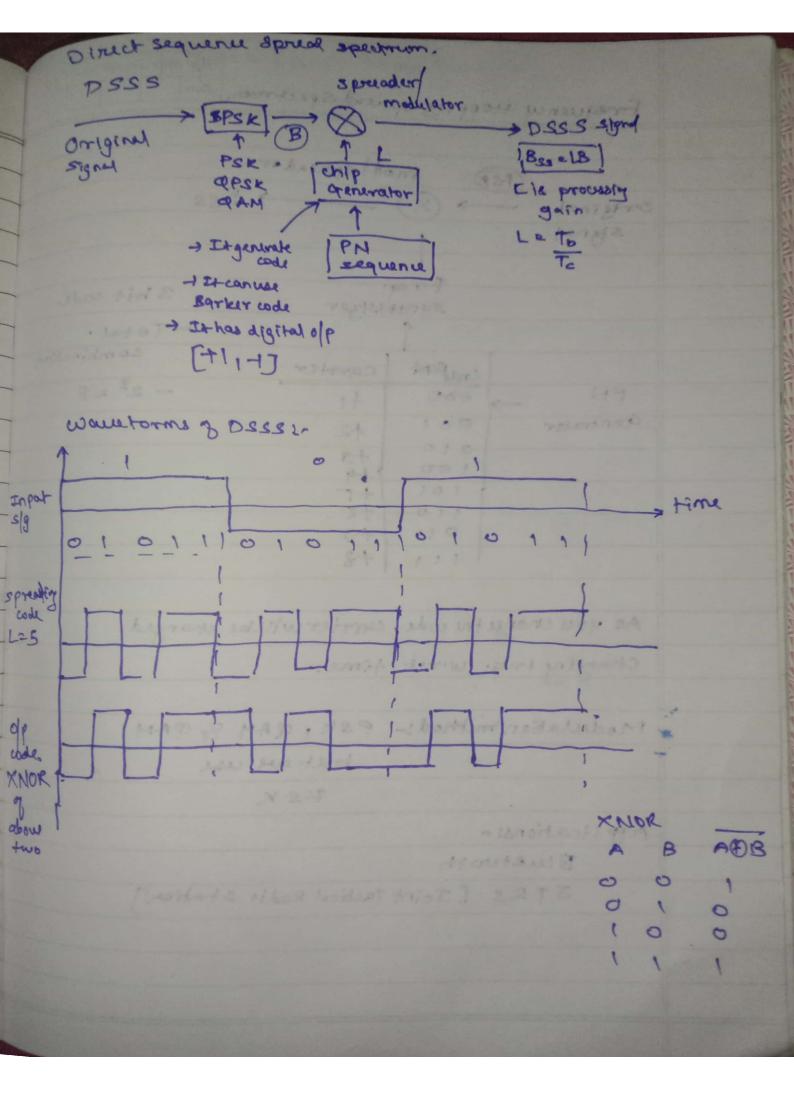
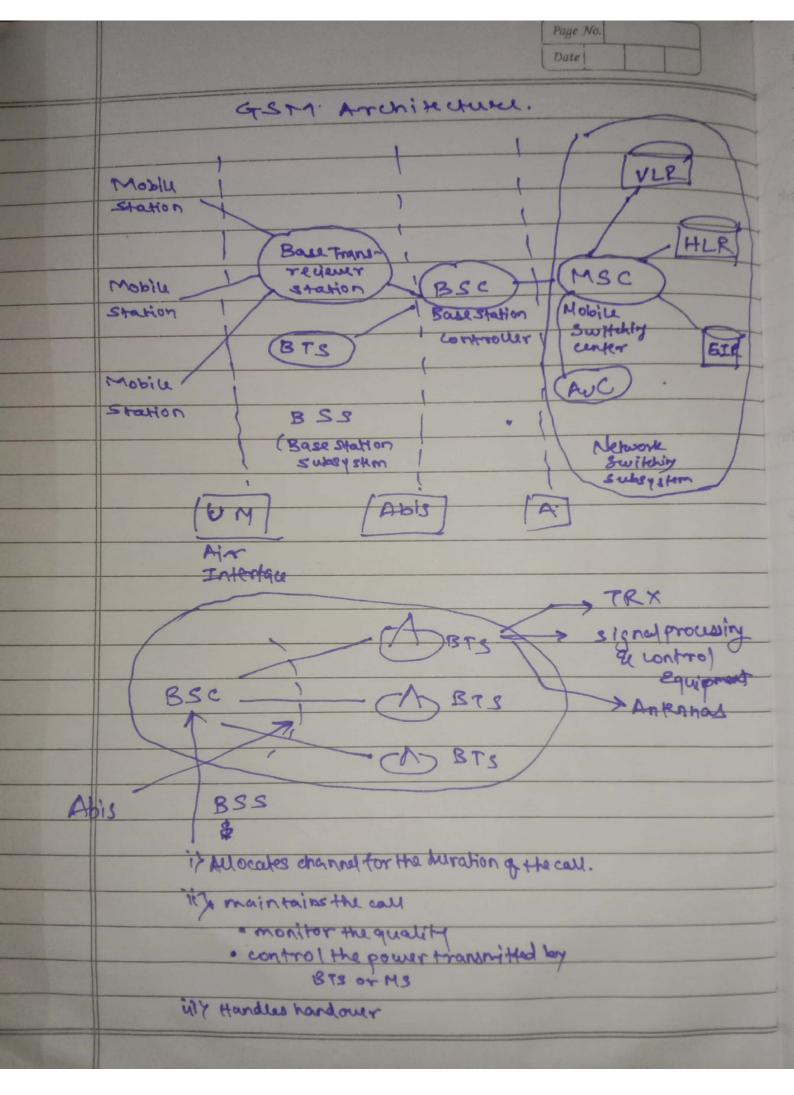
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	- Rhand Line		

No. & crannels in FDMAIL N = Bt - Bgarand Benefit Benefit Bt = to tal spettrum alle. 89 - guard band Bc = channel bardwidth, Norg channels in TDMA: N= m* (Btot -2*Bguard) m & number of TOMA users por radio channel rest have usual meaning. COMA Is spread & prestrum rech. Tranows many users to occupy the same time and treg. allocation in given band of space. It is a torm of pirect esquere spread spectrum. Architecture: Other certifican add on. Bery 1+31toutstanding voice call quality, I createst coverage for lower with I longer touchome long battery use. I term dropped aus, Improved security & privacy I greater copacity, reduced background robes.



			B. see a	Page No.		
	Frequency H	eppin (St	pread Spectrum.	Date		
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	PS	m m	od spreader	· happy		
	original -	$\rightarrow \times$	> B.	22		
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	synthusizer 3 bit code.					
		Code	carrier			
	PN ->	000	1	- 23 28		
	Generator	001	+2	- motions		
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3,705 4		101	1+5	1		
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		1111	1+8			
		1		n to		
	As you change	the code;	correler will be	nanged.		
	changing trues wiret time.					
*	Modulation mithod: PSK, QAM & QAM but are use FSK					
	Applications:					
	Buetwoth JTRS [Joint Pactical Radio Station]					
	3					
	7 3 3					
				The state of the s		



HLR: (Home Location Register)

3tores permanent data about subsatibler

comotiu, location into, status)

3 subsatiparan into g user is stored

DULE (Visitor Location Register)

- stores temporary into.

, Integrated with MSC.

- as works in coordination with HLR.

Auc (Authentication centre):-

- protected database

- stores copy of secret key.

- used for Authentication

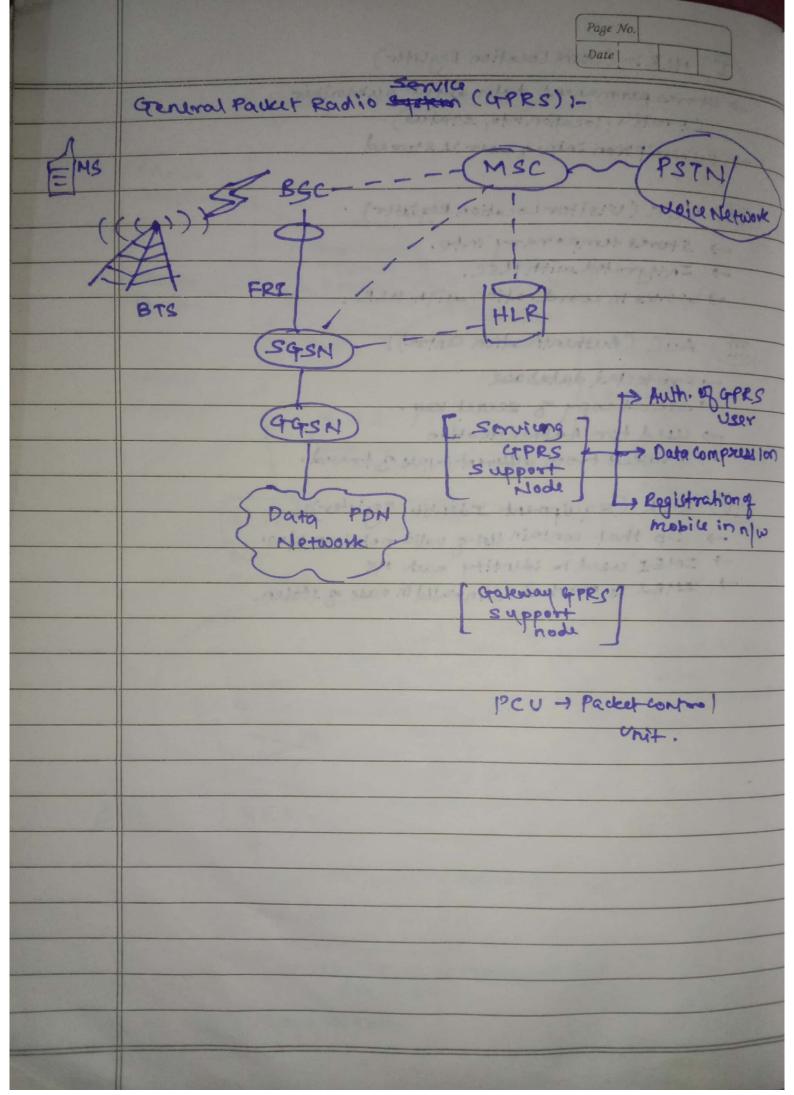
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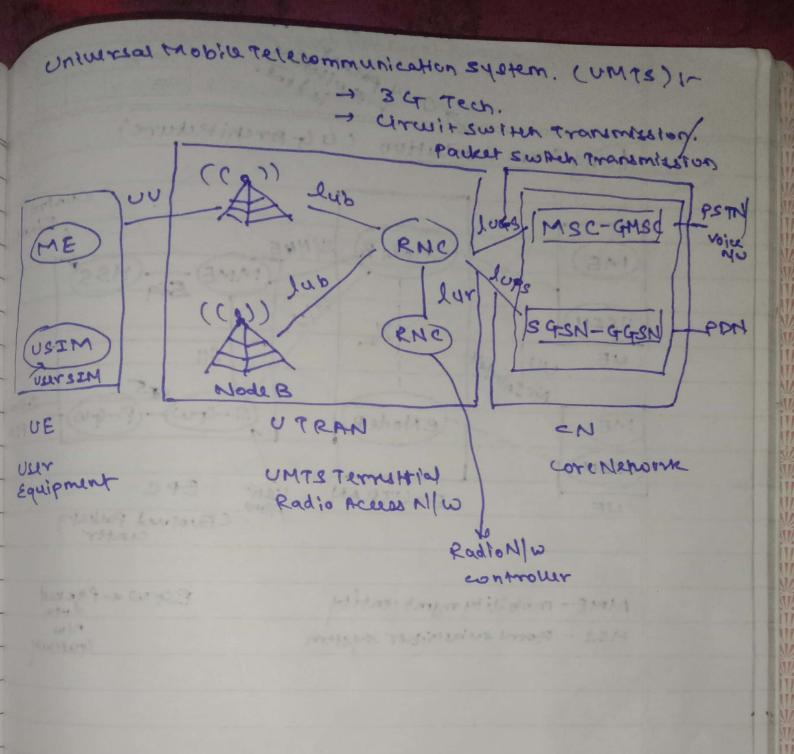
EIR (Equipment Identity Register) !

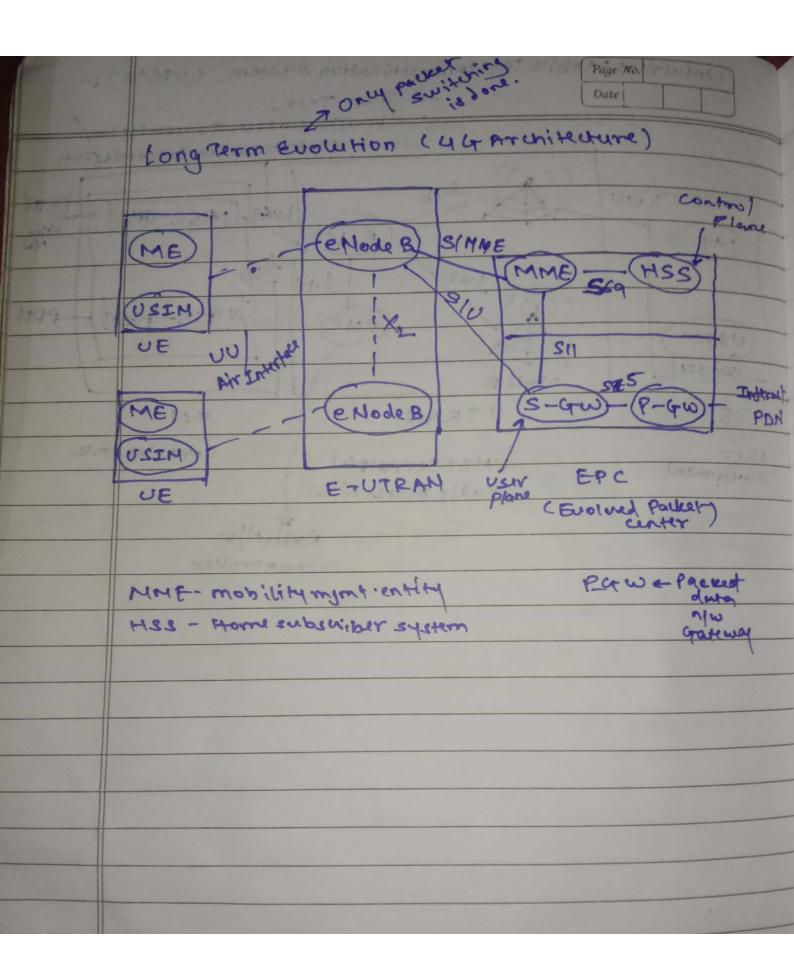
-> Db that contain ust g valid mobile on n/w.

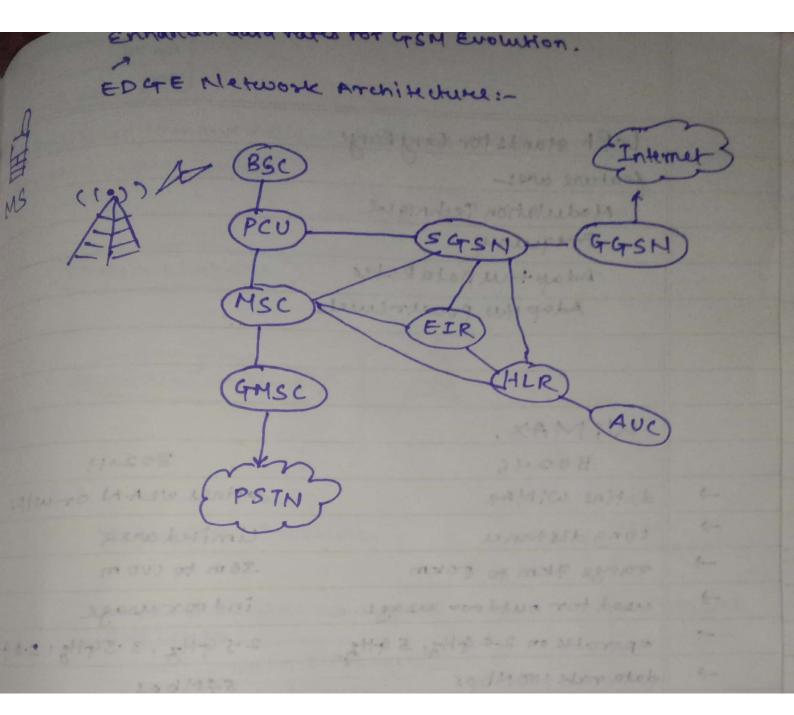
- IMEI used to identity each MS

- IMEZ is marked as forwalld in case of stolen.









	Page No. Date
	Lora stands for Long Range
	feature are 2-
	Modulation Technique
	Frequency
	Adaptive bata Rates
	Adaptive pour curels
	(3234)
	WIMAX.
	802.16
->	istime winex xamines what orwited
->	long distance United area
1	range 7km to 50km 30m to (vom
-)	used tor outdoor usage indoor usage
->	operates on 2.4 4Hz, 54Hz 2.54Hz, 3.54Hz, 15.84Hz
->	data rak (vombps 54Mbps
+	Carge no. 3 cus to mens are comected cimited number of customers
	connected.
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	Interface		
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KAMIW berid	Mobile WIMAX (Scalable OFDM)	y(802.166)	2 physic