9	lec8 location Mangment
	Network track active user's curret Coll (A) location updates (MS Send location to BS)
	Routing Lov Best route Rom
	Sender to Reciever [7-9 Cells]
	Static predetermined set of Cells which Cellular
	Dynamic Social update must be Reformed Network Dynamic Socialism update is generated by MS based on mobility
	[2] Global - all Subscribers update their location, local -> Subscriber Charge when to update location where
	3 Mobility Model
	models for movment of mobile user and how their
(16) (16) (16)	Location, velocity, acceleration change over time
	Madels ler moument of mobile user and how their Location, velocity, acceleration Change over time (Random walk Orandom waypoint 3) city Section (RCell residence time Based 5) Markov walk Oracivity Besed
	OBandon walk OBandon waypoint 3 city Section A Cell residence fine Based 5 Markon walk OAchviry Besed O Random walk time slot Subscribe decide to Stay or move
	Colion, velocity, acceleration change over time (Random walk Bandom waypoint 3) city section (Random vesi dence time Based 5) Markov walk Bachvity Besed (Random walk > time Slot
	CRandom walk Prandom waypoint 3 city section Archivity Besed Orandom walk stime Based & Markov walk Archivity Besed Orandom walk stime slot swissiber decideto stay or nove using random direction, speed travel from predefined

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7	how does Network track user's Current Call?
1	Static Dynamic
1	Never update Time Based Always update Mornent Based
2	Location Avea
9	Reporting Cell
0	
	[] Never und la solar
100	[i] Never update scheme _MS -> X tell MSC where it is
1	when network need to loved new Cell, it (Page) -11
5	-MS - > X tell MSC Where it is when network need to lorned new Cell, it (Pages) all - Very expensive (band width) Pages service
	2) Always update
7	MS detect new Call - Send location update to USC Network know where (MS) is
7	Network know where (US) is
9 .	Expensive to M
93	$\subseteq M_{c}$ M_{c}
- CA	to be the land to the tree of the property of the land
The state of	Divide Service area luty la chau noe a lus
176	each (la) . Contain rember of adjacent Colls
7	has unique Id
T	each (BS) broad Cost (ID) of (LA) which it belongs
9	when (MS) enter new (LA) it updales lacation with (MSC)
(1)	
(1)	when network need to kind (US) it page (LA)
100	
1	
100	
and h	صفو الحكارة

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(P) Ropublic Call
(9) Repuling Cell
Select Subset & Cells as reporting Cells Cell brand Cest signal to indicate if it is reporting or not
Reporting Cell (i) (Vicinity) is all non reporting Cells reacheste from Cell (i) without Crossing another reporting Cell
- Monpoldes location when mucho report Coll - Cellular network (Diges) (M) in reporting Cell, Vicinity - Cost of Cell increase by the size of viciting
Dynamic
DTime Based Civen time the shild (MS) keeps Counter that inc (F), MS updates by (1) when (MS) cross bounding loadion every (F) to new (all)
when Cellular Syst. Boundy Crossing Can be detected has inlaming Cell for Ms by Comparing (BS) ID
Vit Pages Cell Dwhare when Counter reaches a predetoral less update mode three Shold (M), MS update its lection, Counter = 0
Cell i+j, i-) MS is guardeed to be within J Start with 1 distance (M) Rom its last
Per user basis reported Cell (residing are interest) Scanned with CamScanner