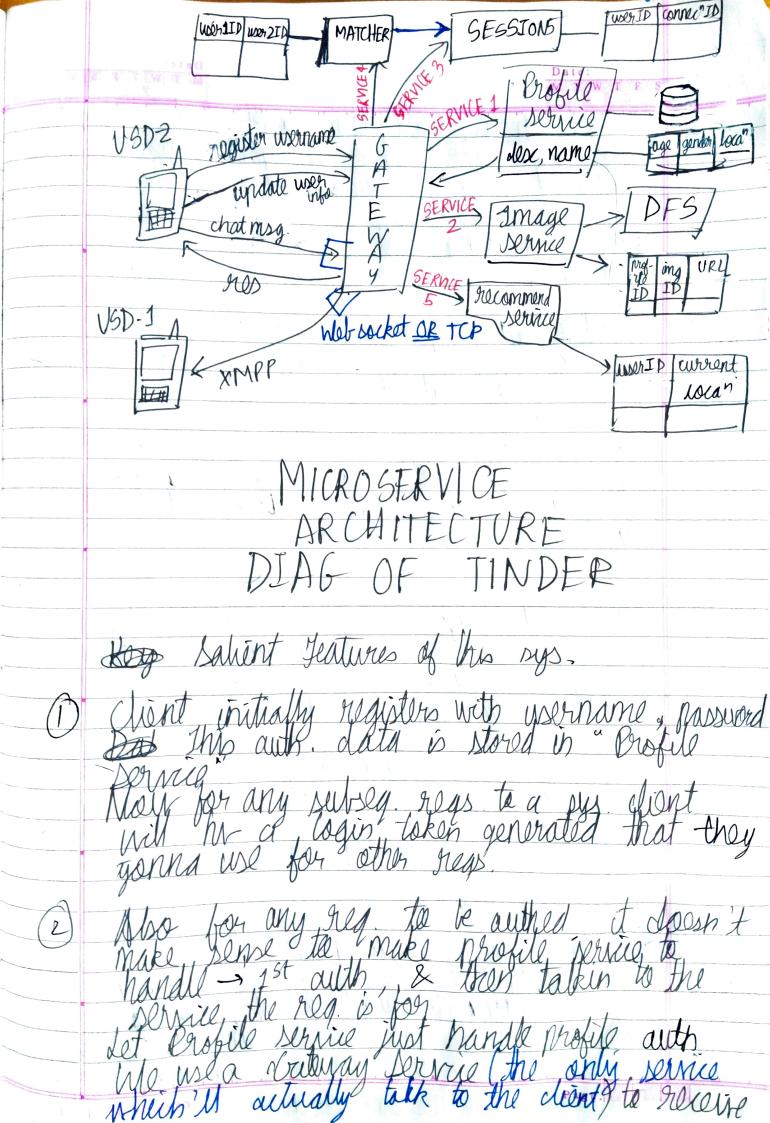
Designing Linden (as a microservice architecture) Designing front to back i-e- think alt what the were need as features then think alt how your services are going to be actually broken down then individual data hegms. and implementary services Leatures ne gonna des: 1) Store Prafiles - Images will be stored in profile (5 ings / user) 2) Recommend matches -> No. of the active were 3) Note matches - For every strine you hir a 0.17. have 0.17. of no. of active users 4) Direct Messaging - Charlin with someone after matchin with them. FEATURE 1-> Storing Profiles FEATURE 1- Storing Profiles Tangs can be stored in 2 ways - as a file (bill sys) as a blob (DBMS) as a blob (DBMS) Using a Database Management Sys (DBMS) and DBMS provides several feature 1) Mutability - not regal as instead of changin an image, you just remove old one and insert new one c) Transac - not regd. in any nort of I tinder

E	Date: MTWTFSS
	3) Indoors (Search) -> useless for blobs as search is trued on convent riz 1x & or 4) Ruess control -> useful.
\rightarrow	To store large objs. Separately in a DBM3 ne gotta implement sertical partioning is a dB ung stored somewhere else was a color to a dB
	id Tmage in 1234 1 > [ing] putributed Fill system.
2	Cotty do select & here to get my Using File sus instead (we'll use a DFS) dB is storin all the datu so its gotta his some reference to the total file
stor	in a distributed
2	stored as fills,
	- Lewter (lurge objects stored senarately) - Content Pelvery Network (CDN) makes accessin static - data (the images) really God.
15.3	NOTE: varehan - a set a churacter data of inditerminate length. Refers to a data type of a field (or col.) in a DBMS which can hald
	letters on nos.



 $M \setminus I = W \setminus I = I = S \setminus S$ Matchen service chocks if you're matched with a narticular norson & depending on that, it tells session service whether you can chat with another person or not. in hitem you uninstall the app, you can 1) matches from the Matcher Service 2 to people you can text, from the sessions 3) profile from the Profile service FEATURE 4 - RECOMMENDING MATCHES Core of recommendar - who is in your chave eg! - gender: female, age: 21) is activally geographically close to you. i. The Profile Service Itself will also comm. age | gender | loca" | and then the back this dB on locar and then the based on this locar prop and provide that I such partir to a user page.

lg: - a user in South Bonlay will now hay south Bonlay only. This can be done in 2 ways of known this main of use gonna pull out churks from 2) Use a SOL dB -> (eg! - lostgreSQL) but be sure to mand this dB to get out some chunks that we'll send to the uses IMP -> he owne to have leader-elec" at such shard or redundancy It is better -> as it uses a doc-colle?

model so law doc is itself a very small

rule and we just gotta, write, nives itself

based on loca" to get a "hunk" that we

gonna send to usen Recommenda" service - Basically, this 'll just have access to a dB him Dusch IB

(2) current loca" of user (undated, say, every 2-3 hrs) And based on this current locar of user, this service will talk to Profile service to get and serve the regal. "chunk" Page.