Computer Science 2nd year Subject - 'DBMs' Introduction to No SQL Database to & database management system provides the mechaneom to stone and subtrieve the data more are different kind of database mangement 1) ROBMS (Relational Databases management System) 2) OLAP (Online Analytical processing) 3) No sal (not only sal) No sal databases were created to overcome the limitation of relational database No Sal database No sol detabase are different unan Relational detabase like MQ Sqrl. In Relational detabase you need to create the Nable, défine Schema Set une data dykes of fields Ek before
you can actually Insert the data. In Nasal you don't have to worry about that, you can Insert, update, data on the fly. No sal clatabase is that they are really easy to scale and they are much faster most type of operation that

Oh database. There are certain Situation where you would prefer relational database over No Sac, however when you are are dealing with huge amount of data men Noser database is the best. Limitation of Kelational databases J 1) In rulational database we need to define Structure and Schema of data first and Inen only we can process the data. 2) Relational database systems forovides Consestancy and Integrity of data by enforcing ACRD eproperties ( Atomicity, consistency, Isolation and Durability). There are some scenarios where this is useful like banking system, Mousever in most of the other case these properties are significant performance orthead and can make your database versponse very slow 3) Most of the applications stone their datas in Ison Format and ROBMS don't provide you a better way of feerfaming operations such as creak, Insert, update, delete etc on this data, on the other hand Nosal stone than data in Json fornat, which is competible with most of the Today's world application 22904/2020

Scanned with CamScanner