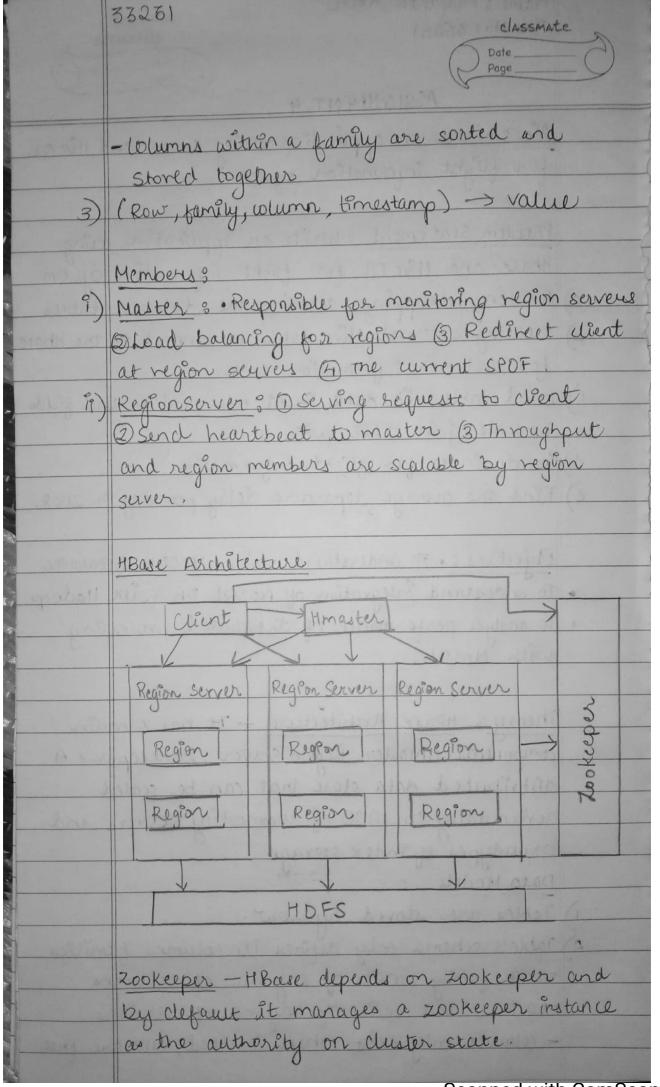
Name: Prajakta Keen classmate ROU NO: 35251 ASSIGNMENT 4 Alm: Write an application using Mbase and HireQL for flight information system Problem Statement: Write an application using House and Hive QL for flight information system a) creating, dropping, altering the database tables b) Creating external Hive table to winner to the Mbase for customer information table c) Load table with data insert new values and fields in table, foin table with Hive d) Create Endex for flight information. e) Find the average departure delay per day in 2008. Objectives: To understand various NOSQL databases. · To understand integration of NoSQL DB with Hadoop. · To analyze performance of distributed processing with Nosal. Theory: HBase Architecture - It has 3 main components Hmaster, Region Server, Lookeeper . A distributed data store that can be scaled honzontally to 1000 of commodity servers and prototypes of index storage Data Models 1) Tables are stored by row. 2) Table's schema only defines its column families - Each family consits of any no. of columns - Each when what of any no. of versions - columns only exist when inserted, NULLS are face

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	the Architecture - It explains the flow of
	submission of query into hive.
	It supports different type of wents such as
	Thrift Server - It is cross language service provider platform that servers the request
	from all those programming language supports
7	JDBC Driver - It is used to establish a
	connection between Hive and Java application.
۵).	ODBC Driver - It allows the application that support the ODBC protocol to connect to
	tive.
	1 1 50 - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Londusion: I learn't HBase and Hive
	architecture and implemented different queries.
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