Database (Relationel) + SQL Set Theory Mathe DBMS -> Dortebase Management System = Relatione Non delational

OBMS ROBMS (SQL)

No Related OBMS Scolumn-based

(NQ-SQL)

Scoraph-based

Document-Dased

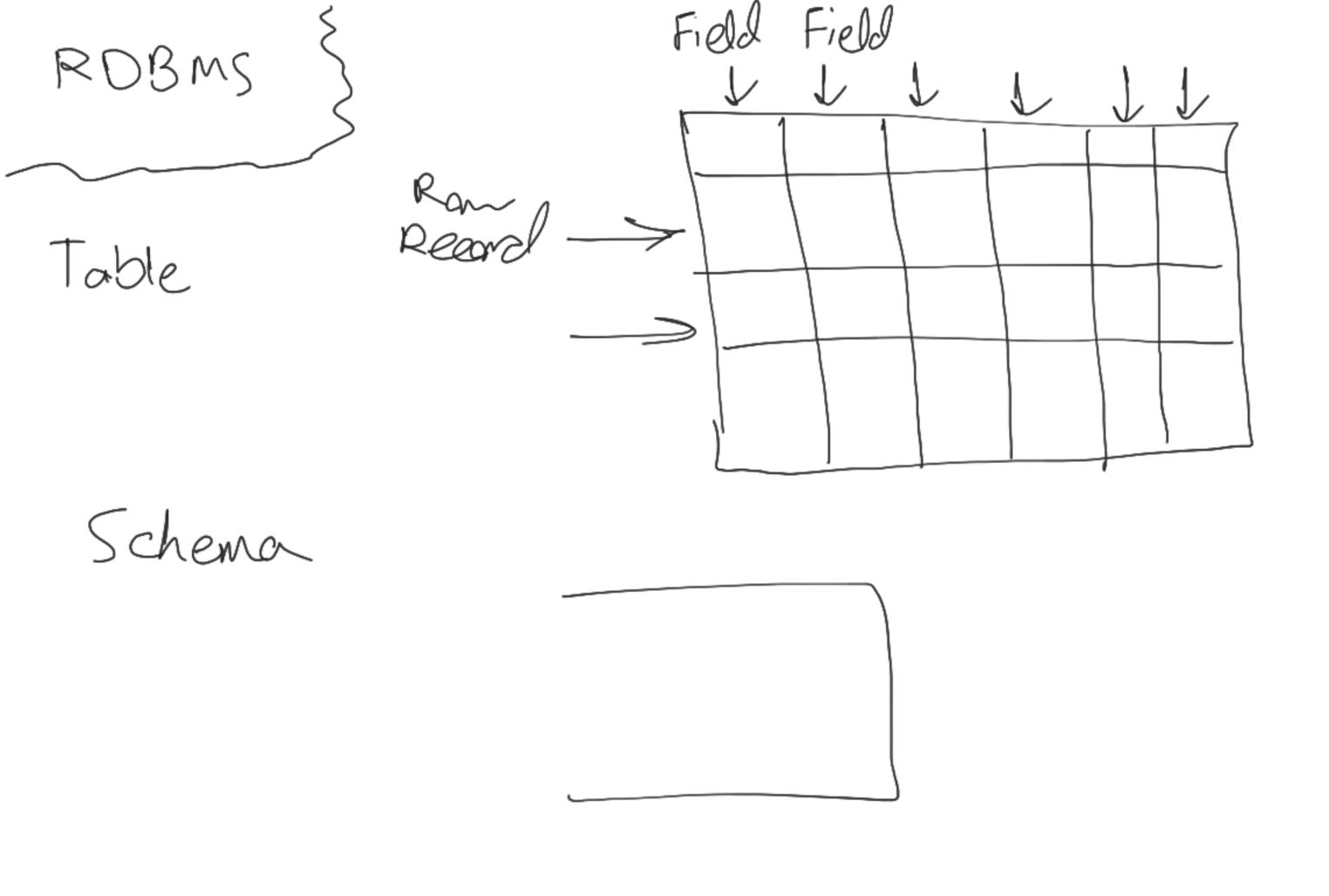
SQL

Maria OB, Postgres QU, Microsoft SOLL Server, Drade

ACID Durchally

Solation

Atomicing Combistery



SQLite

> 1 servery

Memory

Mysal Postgreson

INTEGER guel steel ~ & 8-byte 64 bit l'ilse 16 REAL Juaspurs TEXT Binguy Laure OBject BLOB = None in Ayla NULL

Primary kys

Joseph Blology

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Pilmany Kery

Unique

S...

OREAT TABLE table-name (Torble you' columnanae office constaits, 4 4 ,

INSERT INTO table-name VALUES ();

UPDATE table-hamp SET column 1 = value1, column 2 = value2, WHERE condition:

DELETE PROM telde name WHERE comelition; ALTER TABLE ADD COLUMN columnano dype and;

DROP COLUMN calumn-have;

SELECT rolun1, colun2, colun3,... FROM table non +

* FROM table_name & SWHERE

- >= <= < > Statent-id <= 4 AND NAME = JAKE apticel SELECT. FROM ... WAERE Couldin ORDER BY gra ASC, have DESC, major ASC; @ RDER BY name ASK

med agrish Suprisa major

student Department