Relational Database Management System

What and why of RDBMS

Usecases of RDBMS

RDBMS key concepts :

- Relationships
- Normalization
- Joins
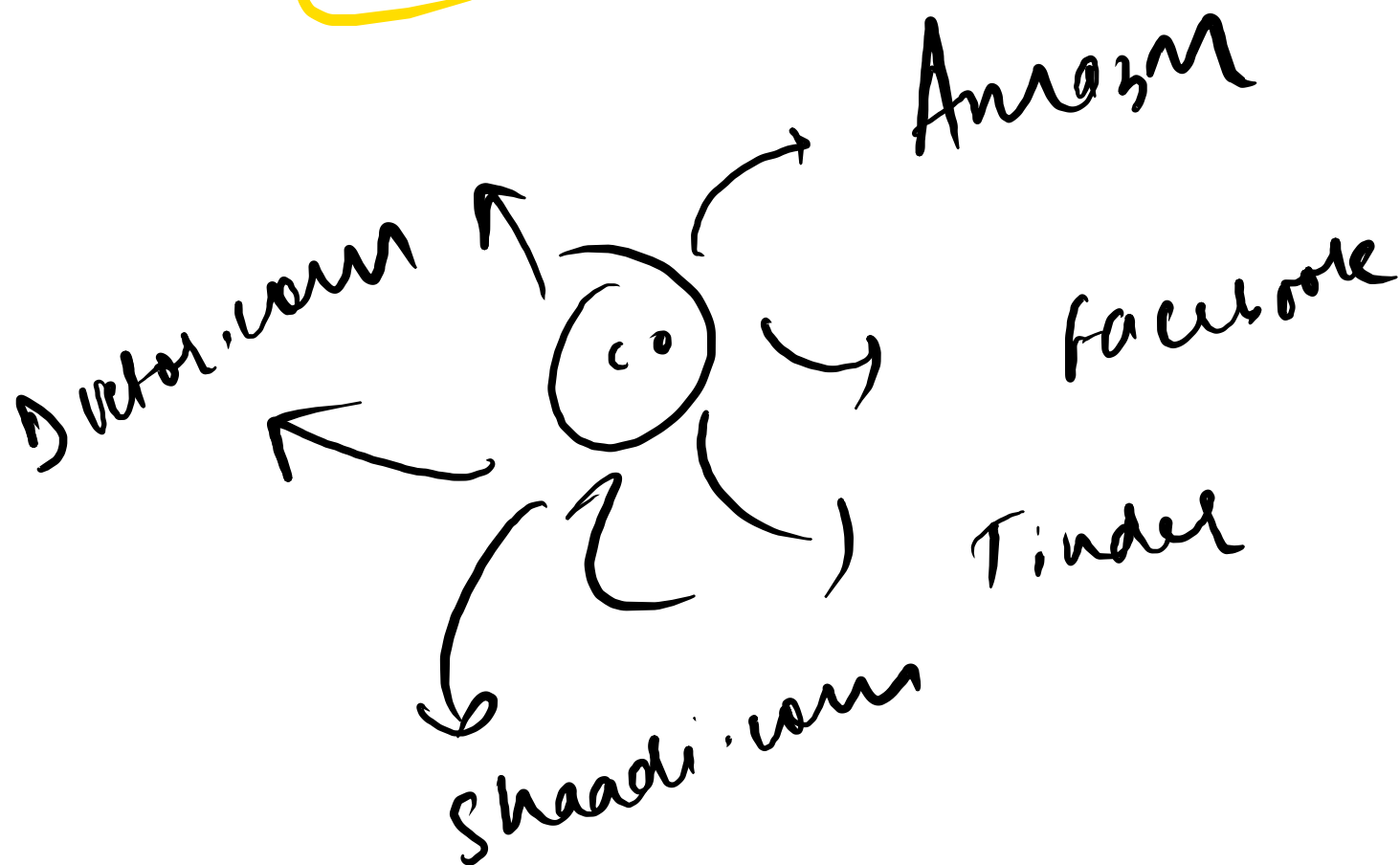- Transactions

Introduction of MySQL

Querying MySQL (or any RDBMS) with SQL
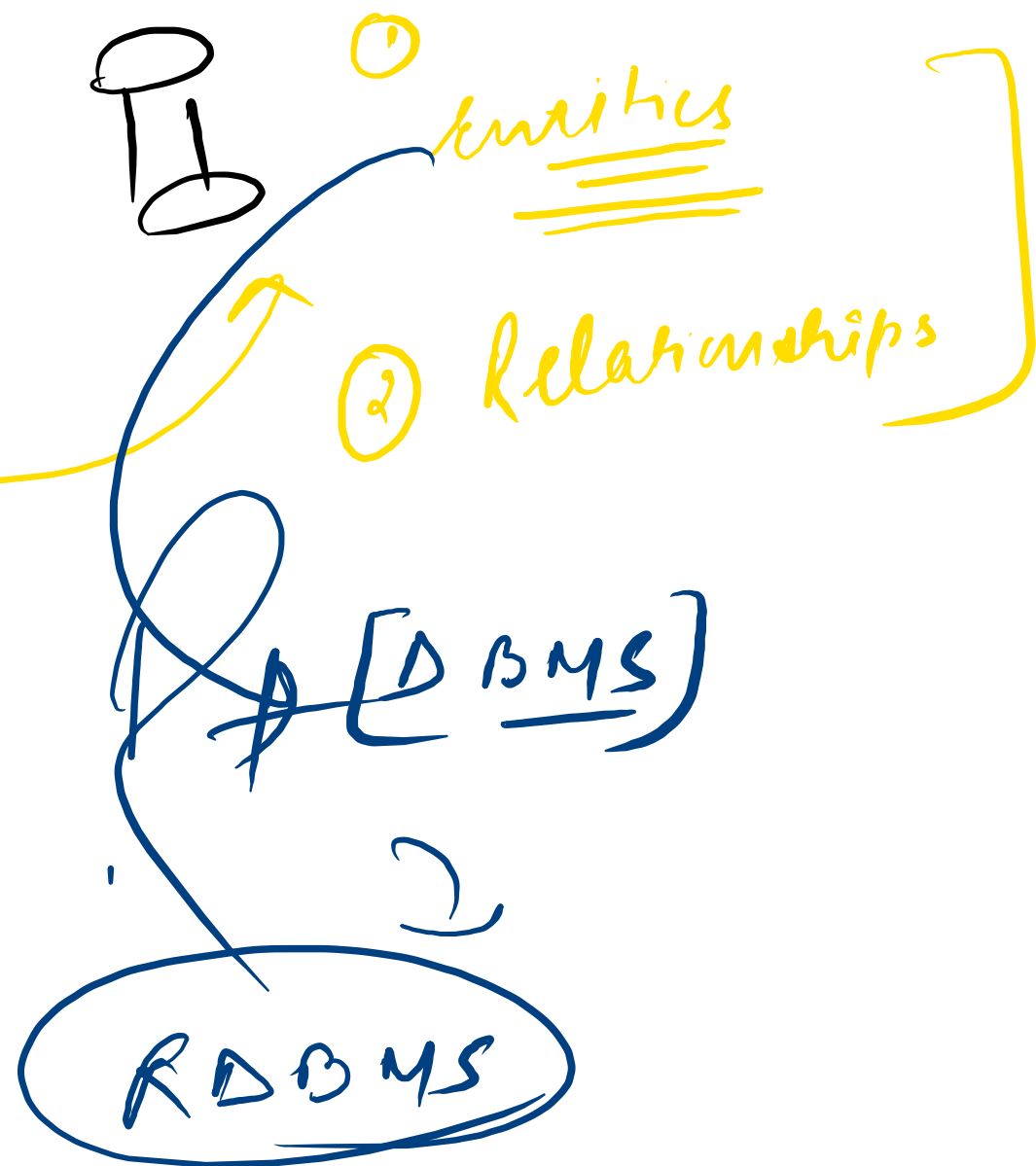
Challenges of RDBMS

2000's }

www revolution }
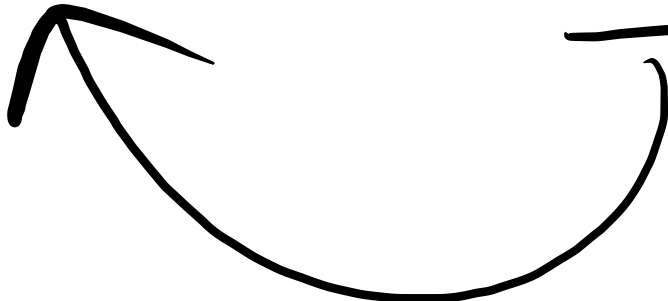
[INTERNET]

Amazon

Dvetor.com

facebook

Tinder

Shaadi.com

App

Programming language

OOP
↑ Java

Real world problems {

Entities

② Relationships

[DBMS]

RDBMS

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(Relationship)

RDBMS } Relational DBMS

Data	Database	DBMS	Relational Data	Relational DB	RDBMS

Data → Information

Database → physical location → (store)

DBMS
Database Management System
→ complete s/w
ⓐ Storage
ⓑ Manipulate data

Relational Data → employee ↻ Department

Relational DB → DB which can store relational data

RDBMS
Relational DB
+
Management System
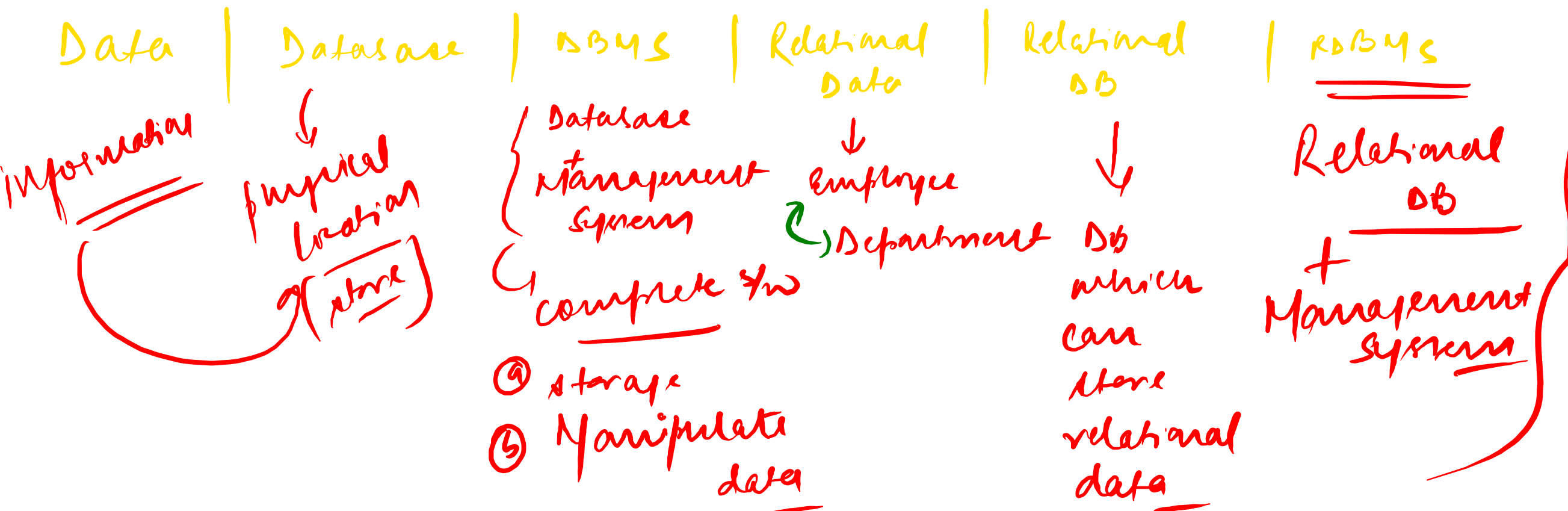
Why | Industrial use case of RDBMS

① Supporting transaction]

-5 5 x
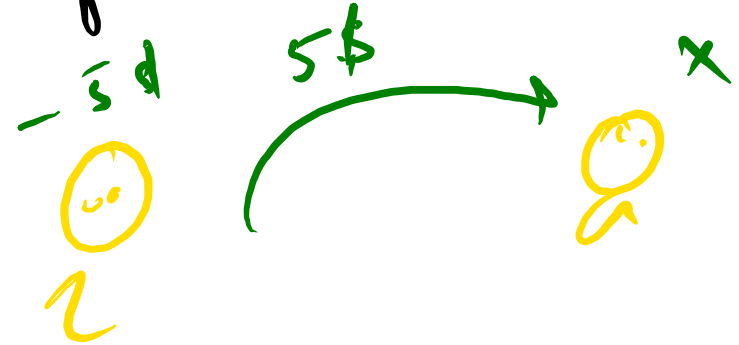
② Relationships]

Application   A
If Data has relationships } name

Bank } Customer { age
              { scale
              { sala
              { Addr

RDBMS

③ Proper schema / structure]

④ Data Integrity } Read and write]