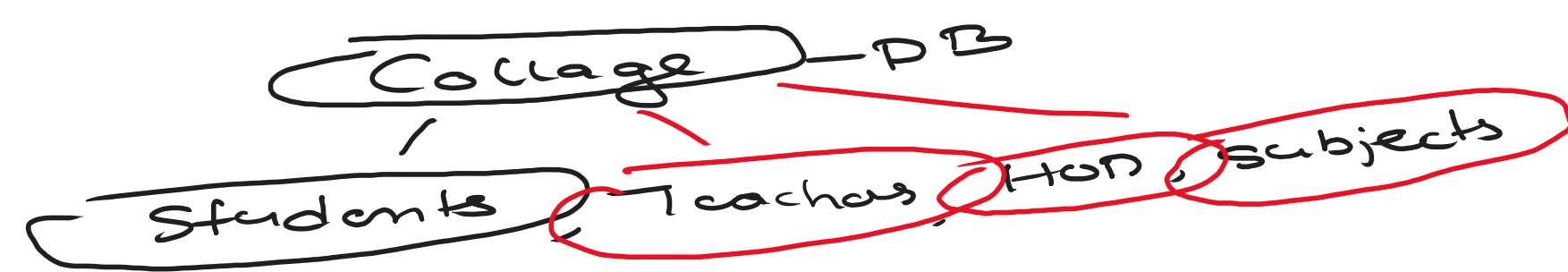


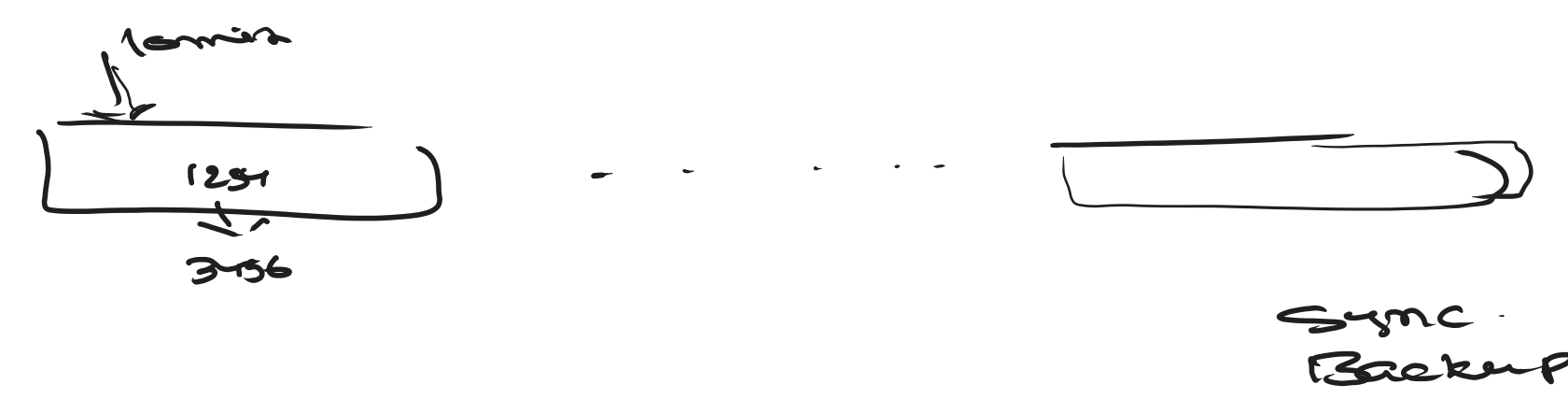
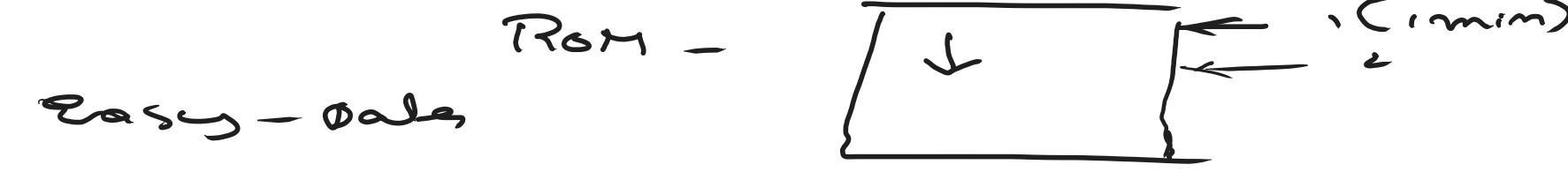
Why we need RDBMS?



Tables - Entity

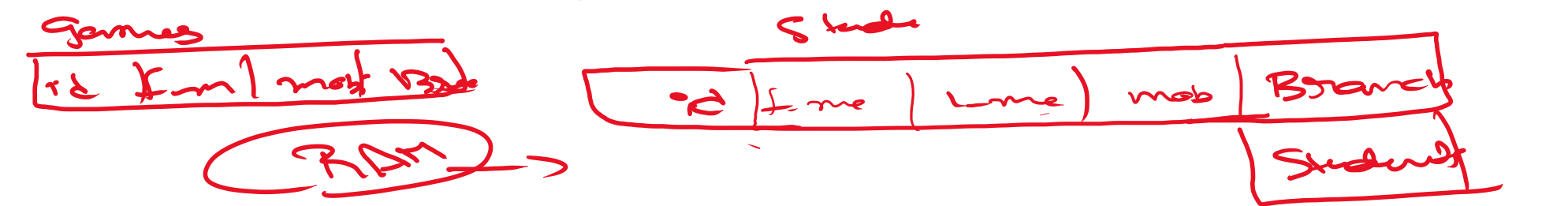
Student table

Sname	abc	123	456
Lname	xyz	mno	452
Id	101		
Branch			



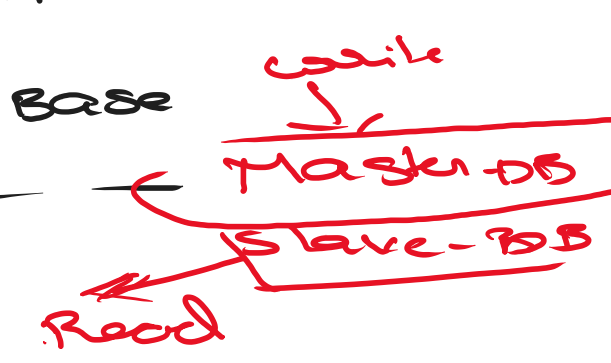
When we should we use RDBMS?  
What is RDBMS?

- ① Reliability ✓
- ② Security ✓
- ③ Concurrency ✓
- ④ Consistency ✓
- ⑤ Redundancy [Design] ✓
- ⑥ Sync [ ]
- ⑦ Backup [ ]



R - Relation

DB - Data Base  
MS - Master - Slave



What are the properties we should follow in RDBMS?

Entity - table  
attribute - column names

① Every row should be unique

Id	Sname	Branch
1	xyz	xyz
2	abc	xyz

atomic value

Sname	marks
xyz	20
xyz	60
xyz	70

Relationship

Student
xyz
abc

Subject
a
b
c
d

Cardinality:

