

NOSQL CONTD.

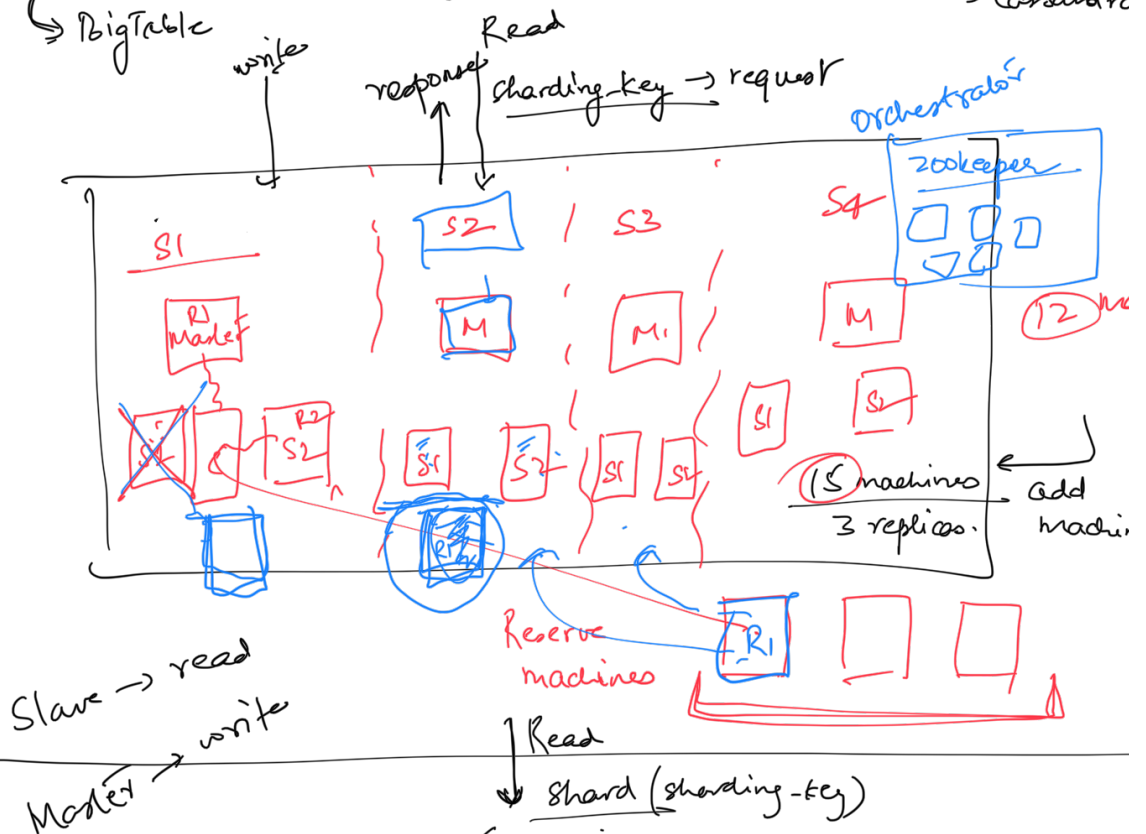


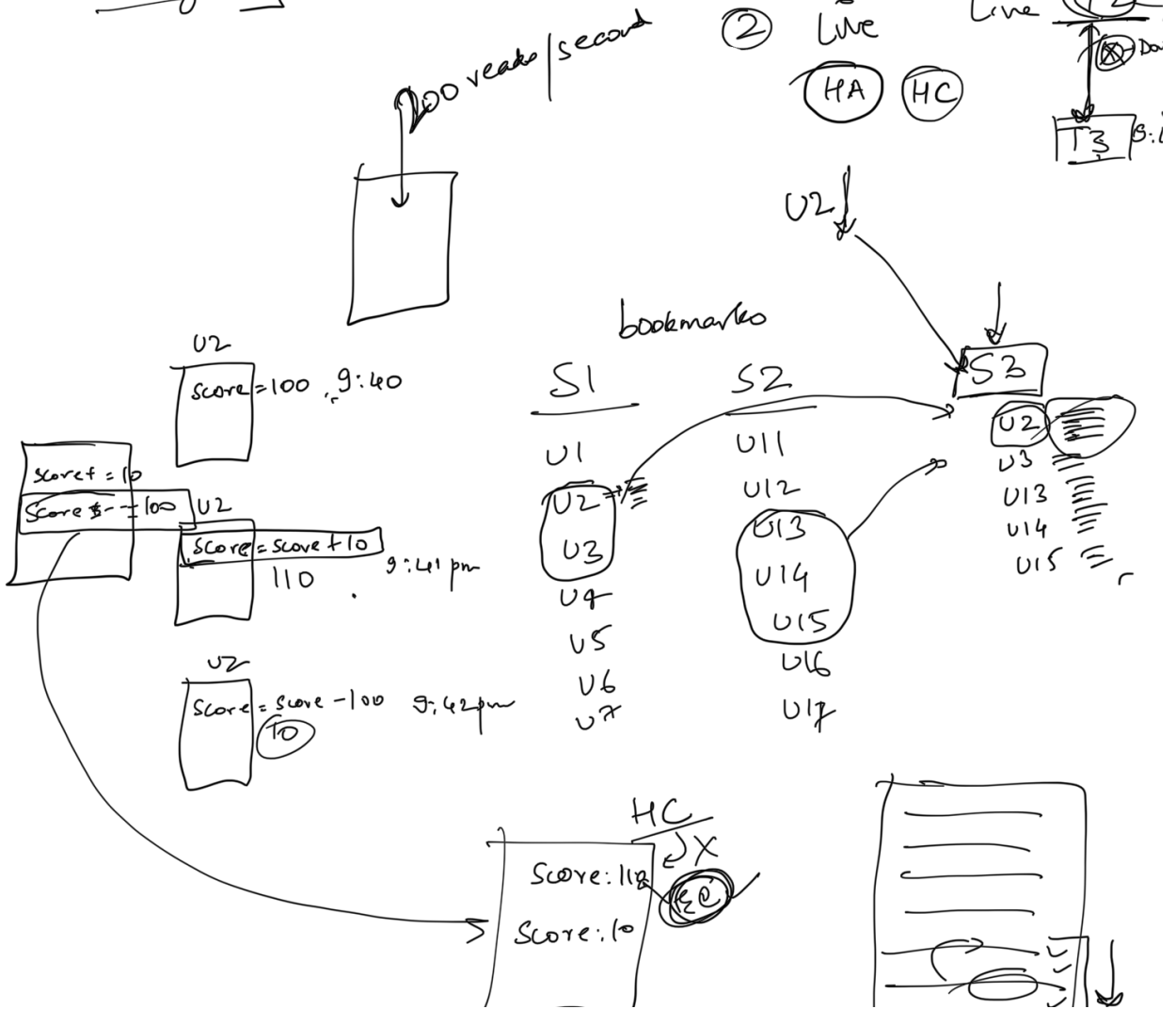
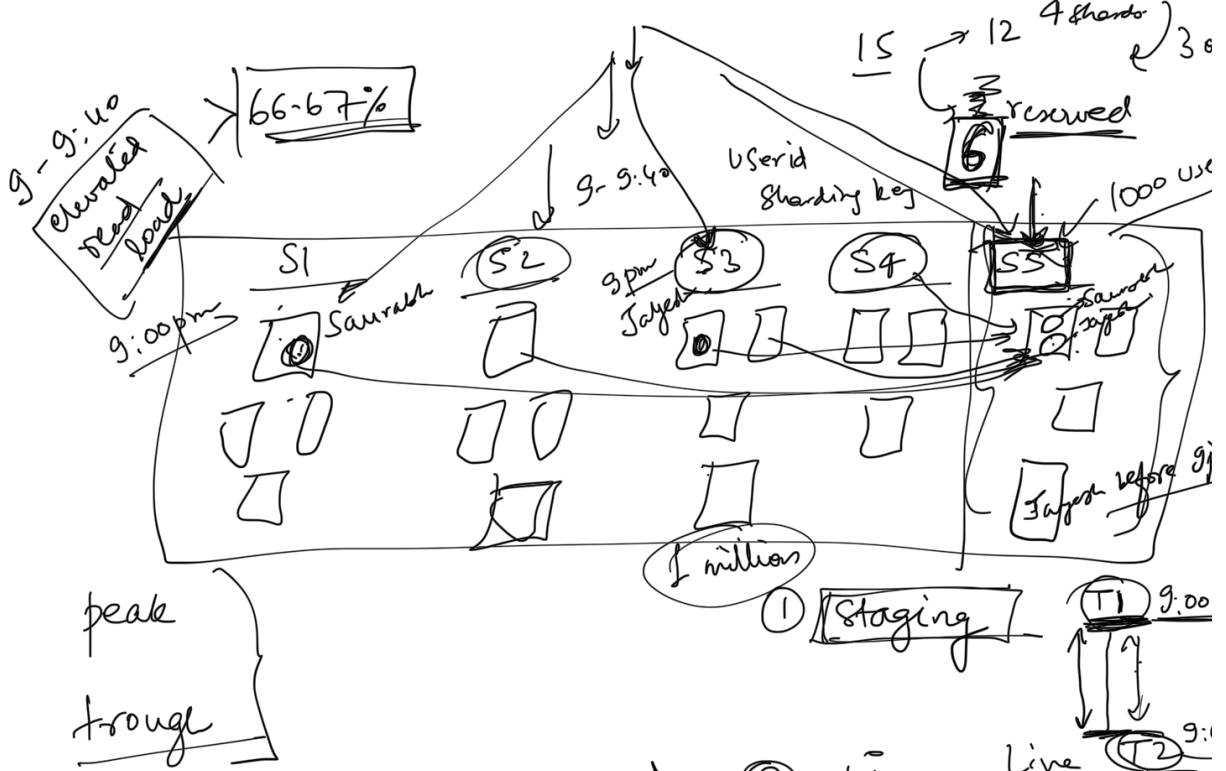
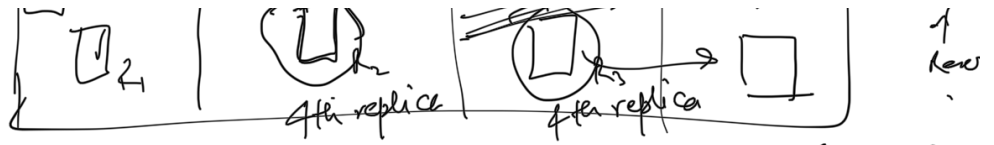
- ① Replication level = 3.
Automatically being able to maintain repl. level (machine failure)
- ② Add machines / remove machine
↳ Automatically able to create more shards
↳ migrate data

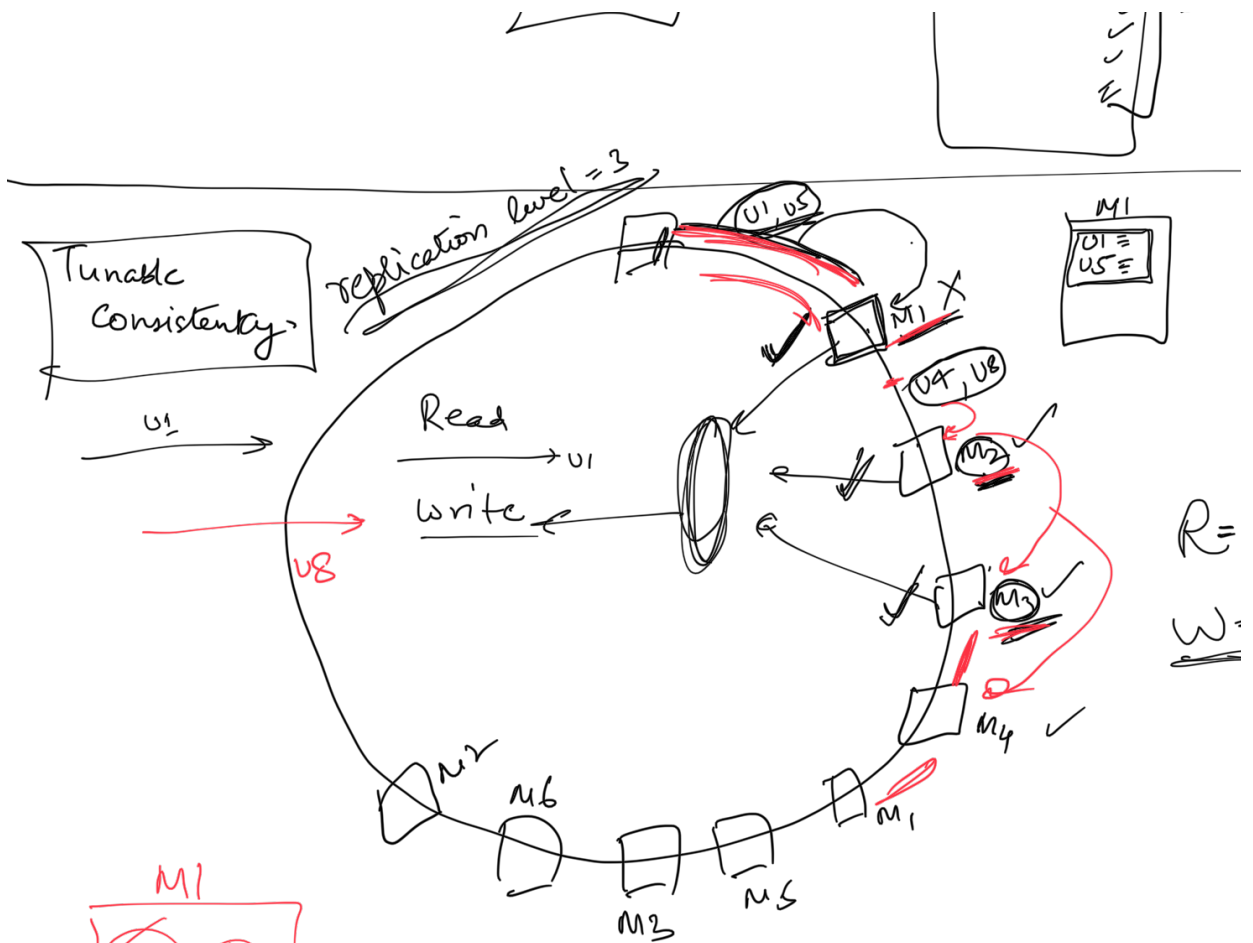
① Master-slave + consistent hashing

↳ BigTable

② Multi-master + CAP
↳ Cassandra



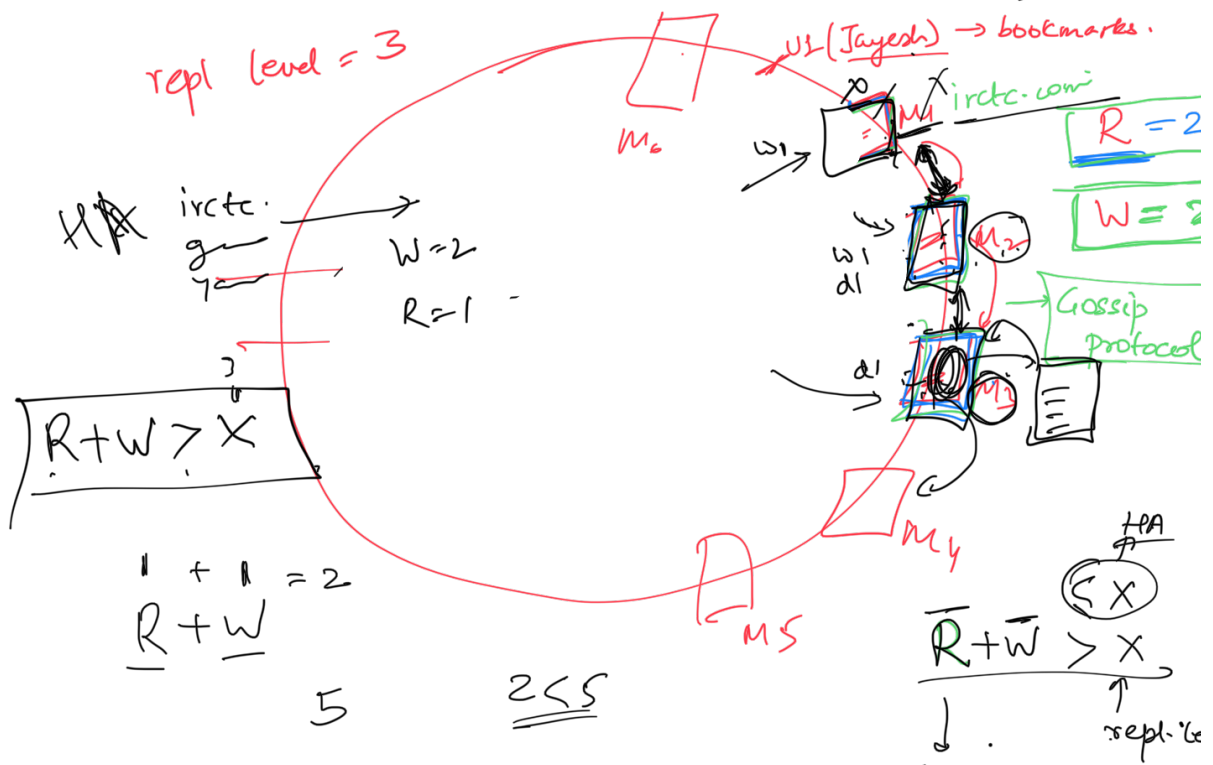


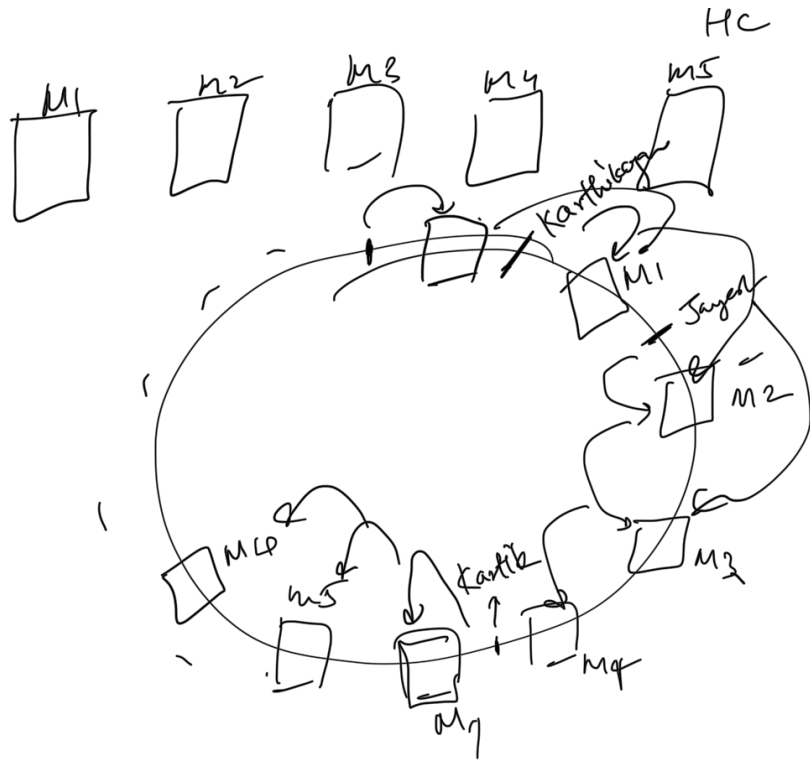


$$\{R + W > X\} \rightarrow HC$$

↑ repl level

$$\{R + W \leq X\} \rightarrow HA$$



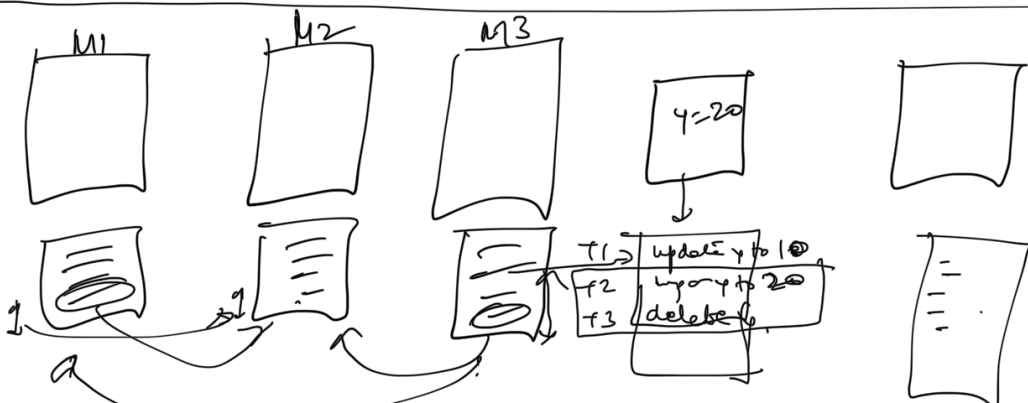


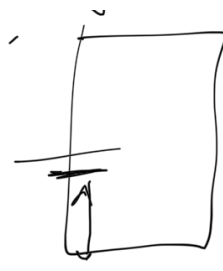
- Sh
 - Egg
 - Soap

Shampoo
 Egg
 Sh
 Soap
 Soap
 Sh

10:41 / score: 700
 10:41 / score: 600
 10:41 / score: 700

$$y = \boxed{y} + 10$$





$Q=A$

