

# Time Tabel

Examination

General

Teachers

→ 6/10

Students

→ 1000

Class Accommodation

Class

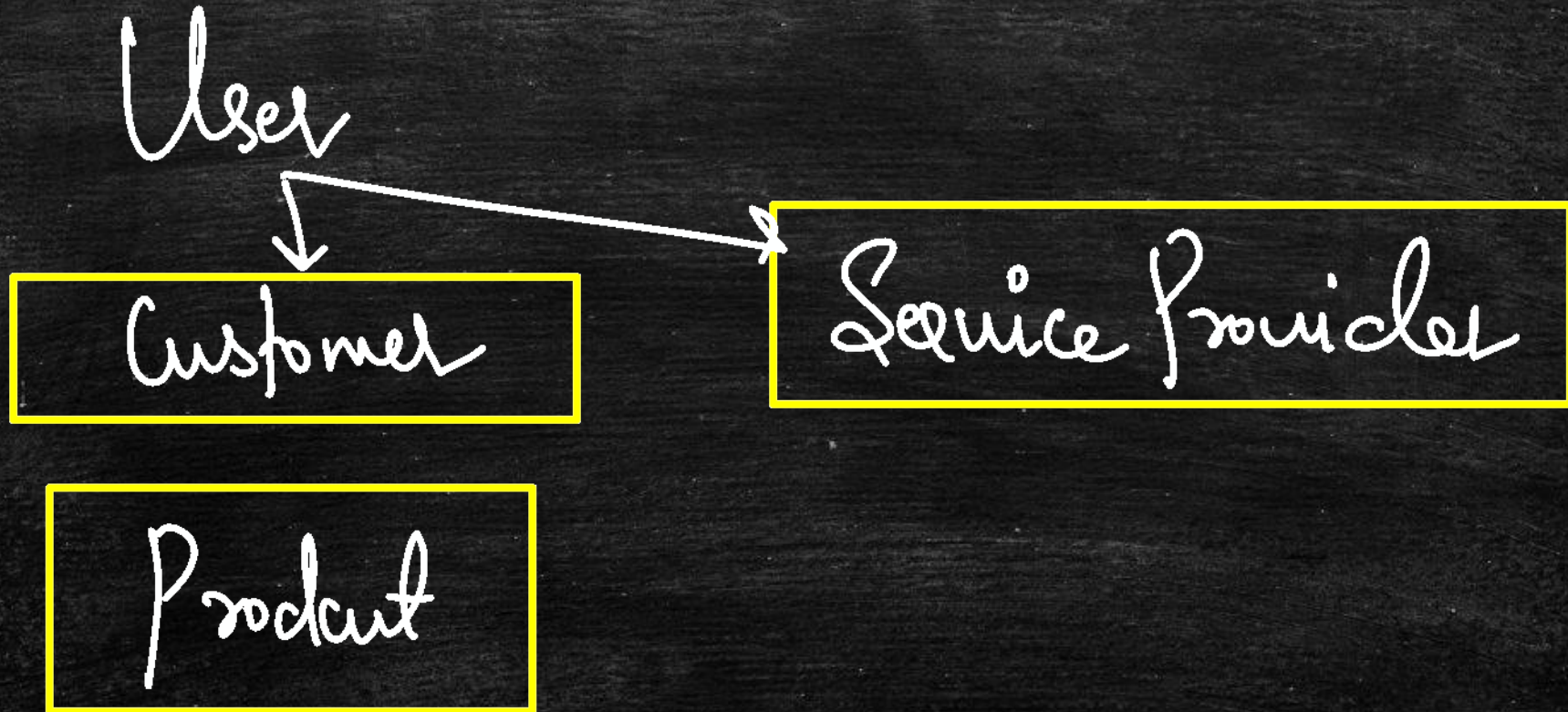
→ 2/3

40

20



# E-commerce





Database

Project Name

System Designing

Model

Model





Column  $\rightarrow$  attributes  
rows  $\rightarrow$  tuples

next  $\rightarrow$  anil username

functional dependency  $Z \rightarrow Y$

$X \rightarrow Y$



Key →

n fields  
id (name) email address



66° 99  
JSON

→ objet → unique-id



{ id: 1

username: \_\_\_\_\_

useremail: \_\_\_\_\_

usercald: \_\_\_\_\_

}

{

}



Database — Project Name

Collection — user, product

Single user — object/document

Single product — object/document



Database → no Structural database.

Schemaless

Every time whenever a document is created  
it is assigned with an unique\_id.

Object id



No-SQL

json data format

→ document/  
object

SQL

CSV file format

	table
	row



loading  
balancing



sharding



















































































































