Second Normal form

*) DB design should be in 1 NF.

*) No partial dependency

There are some coloumns, that depend on subset of candidate key

*) set of attribute uniquely identify tuples in a table.

Ex (Employee Table)

emp Id	Dept Id	emp Name	Dept Name	location
1	23	Abc	Mail	NP
2	24	AYZ	Meeting	Towe
3	28	pqr	Mail	NP

primary key : emp id

candidate key : (emp id, dept id)

dept Names & is depend only on dept id.
location

dept id is proper subset of candidate key

(emp id, dept id)

∴ partial dependency.

(iii). To remove Partial dependency

split a table into Two

(employee , department)

Employee Table

Empid	emp Name	Dept id	L·

Dept Table

Dept id	Dept Name	location

In employee & dept table there is no partial dependcy, only functional dependcy.