

Referential Integrity

- Foreign key: Set of columns in one table that is used to 'refer' to a tuple in another table
 - Must correspond to **primary key** of the second table
- Referential integrity
 - If all foreign key constraints are enforced referential integrity is achieved, i.e., no dangling references

Students

Sid(PK)	Sname	Email	Did(FK)
53666	Jones	jones@cs	300
53688	Smith	smith@ece	401
53650	Smith	smith@ds	502

Refer

Dept

Did(PK)	Dname
300	CS
401	ECE
500	MATH

502 should appear in Did column of the Dept table