Normal Forme?	
INF	
2 NF	
3 NF	
=> BCNF measure (metnie) for goodnes of a relation 1	
(ABCDE) Minimal fD Set Fmin Commonical Cover (FD 8et) (FD 8et)	L + +,
ERD - Relations BCNF	
ER to Relational Validate that BCNF	

mapping

AB -> EF AB -> E AB > F

```
ssn → {name, salary, dob, dno, superssn, dname, mgrssn }
dno → {dname, mgrssn}
pno → {pname, plocation, dno, dname, mgrssn}
{ssn, pno} → hours
{ssn, dep_name} → {dep_gender, dep_bdate, relationship}
```

dependent(#ssn, dep_name, dep_bdate, relationship)

Key: ? {SBN, DEP Name}

BCNF: Yes NOT

SSN, deforme -) def-gender -) def. bdate -) relationship SSN -) Name

MembID →{MembName, MembEmail, TeamID, TeamPWD, MentorID, MentorName, Team(TeamID, TeamPWD, MentorID) MentorEmail, InstID, InstName, City, PIN, State} TeamID → {TeamPWD, MentorID, MentorName, MentorEmail, InstID, InstName, City, PIN, State} MentorID → {MentorName, MentorEmail, InstID} $InstID \rightarrow \{InstName, City, PIN, State\}$ TeamID - TeamPWD TeamID - Menterod $PIN \rightarrow \{City, State\}$ Menter has to be same engliste Key: Teamsd Benf: Yes in team Id - mested team Id - Mentered Menter Id - mest Id