

How good is our
Relational Schema?

Informal Guidelines

- Making sure the semantics of the attributes is clear in the schema.
- Reducing the redundant information in tuples
- Reducing the NULL values in tuples
- Disallowing the generation of *spurious tuples*

Update Anomaly / Anomalies

Guideline 1:
(Good)

EMPLOYEE

EName Ssn Bdate Address Dnumber

DEPARTMENT

Dname Dnumber Dmgr_ssn

EMP_DEPT

EName Ssn Bdate Address Dname Dnumber Dmgr_ssn

Insertion Anomaly

Addison	123	04-25-1996	blah	blah	1	123
Weslee	234	04-30-2000	blah	blahfatfinger	1	null

EMP_DEPT

EName Ssn Bdate Address Dname Dnumber Dmgr_ssn

