

## **BOYCE-CODD NORMAL FORM**

### **In boyce-codd normal form**

**ENGAGEMENT** (Engage\_ID→Engage\_Name, Engage\_Desc, Engage\_Type, Engage\_Website, Start\_Date, End\_Date, Student\_Level, Coord\_ID(fk) )

Engage\_Name→ Engage\_Desc, Engage\_Type, Engage\_Website, Location, Location\_Primary, Projects

Location→ Location\_Primary

**ACADEMIC\_DISCIPLINE** (Academic\_ID,Engage\_ID→Study\_Concern)

**TOPIC\_AREA** (Topic\_ID,Engage\_ID→Emphasis)

**RELATE\_COURSE** (Course\_ID, Engage→ Prequire, Course\_Desc)

**LOCATION** (Location\_ID, Engage\_ID→ Location\_Name, Street, City, Zip, State, Primary\_Location)

**PROJECTS**( Project\_ID, Engage\_ID→ Project\_Desc, Group\_Size, Stat\_Report, Class\_ID(fk))

### **In boyce-codd normal form**

**ORGANIZATION** (Organ\_ID, Organ\_Name, Street, City, State, Zip, Website)

Organ\_Name → Street, City, State, Zip, Website

**ORGAN\_ENGAGE** (Engage\_ID, OE\_ID, Organ\_ID→ Primary\_Organ)

**CONTACT\_CENTER** (Contact\_ID, Organ\_ID→Fname, Lname, email, phone)

Email→ phone

### **In boyce-codd normal form**

**COORDINATOR** (Coord\_ID, C\_Fname, C\_Lname, phone, email)

Phone→ email

### **In boyce-codd normal form**

**CLASSES** (Class\_ID, Course\_No, Course\_Name, Subject, Class\_Size, Semester, Year, Instructor\_Lname)

Course\_No→ Course\_Name, Subject, Semester, Year ,Instructor\_Lname

Course\_Name→ Subject