

Solution 4

Applications of the Identifying Relationships Rule (Changes in *italics below* – one change to add *LoanNo* as a primary key component so that there is a combined (*DateSent, LoanNo*) primary key for *DisburseLine*.)

Student (StdNo, StdName, StdAddress, StdCity, StdState, StdZip, StdEmail)

Lender (LenderNo, LendName)

Institution (InstID, InstName, InstMascot)

Loan (LoanNo, InstID, StdNo, LenderNo, ProcDate, DisbMethod, DisbBank, DateAuth, NoteValue, Subsidized, Rate)

FOREIGN KEY (InstID) REFERENCES Institution

FOREIGN KEY (StdNo) REFERENCES Student

FOREIGN KEY (LenderNo) REFERENCES Lender

InstID NOT NULL

StdNo NOT NULL

LenderNo NOT NULL

DisburseLine (DateSent, LoanNo, Amount, OrigFee, GuarFee)

FOREIGN KEY (LoanNo) REFERENCES Loan