

Problem 4

The Identifying relationship rule (1 Application of this rule):

1. DisburseLine.LoanNo (PK)

Following Statements describe the above tables with modifications for

Adding Components to Primary Key to DisburseLine Table:

Institution

(**InstID**,InstName,InstMascot,PRIMARY KEY(InstID))

Student

(**StdNo**, StdName,StdAddress, StdCity, StdState, StdZip, StdEmail,

PRIMARY KEY(StdNo))

Lender

(**LenderNo**,LendName,PRIMARY KEY(LenderNo))

Loan

(**LoanNo**,*InstID*,*StdNo*,*LenderNo*,ProcDate,DisbMethod,DisbBank,

DateAuth>NoteValue,Subsidized,Rate, PRIMARY KEY(LoanNo),

FOREIGN KEY(*InstID*) REFERENCES Institution,

FOREIGN KEY(*StdNo*) REFERENCES Student,

FOREIGN KEY(*LenderNo*) REFERENCES Lender,

InstID NOT NULL,

StdNo NOT NULL,

LenderNo NOT NULL)

Modified Table Specification is as follows:

DisburseLine

(DateSent, *LoanNo*, Amount, OrigFree, GuarFree,

PRIMARY KEY(DateSent, LoanNo)

FOREIGN KEY(LoanNo) REFERENCES Loan)