

## WEEK-6

# Peer-graded Assignment: Module 10 Assignment

### Problem-1

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

Institution(InstID, InstName, InstMascot)

Lender(LenderNo, LendName)

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

FOREIGN KEY(StdNo) REFERENCES Student

FOREIGN KEY(InstID) REFERENCES Institution

FOREIGN KEY(LenderNo) REFERENCES Lender

StdNo NOT NULL

InstID NOT NULL

LenderNo NOT NULL

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

FOREIGN KEY(LoanNo) REFERENCES Loan

Conversion rules

Use the entity type rule to convert each entity type

Use the 1-M relationship rule for all relationships

Use the M-N relationship rule (not needed).

Use the identification dependency rule to make LoanNo a component of the PK of DisburseLine. The PK of the DisburseLine table is a combination of LoanNo and DateSent. A not null constraint is not needed for DisburseLine.LoanNo because this column is part of the primary key of DisburseLine.