1. For the ERD in Figure 1, you should indicate applications of the 1-M relationship rule. For each 1-M relationship rule application, you should indicate the changes to the tables you listed in problem 1 including foreign key columns and NOT NULL constraints for foreign keys if necessary.

* Loan uses StdNo as foreign key to refer Student by 1-M Given to relationship

So add StdNo column in Loan table and make it Foreign Key and NOT NULL as it is mandatory.

* Loan uses LenderNo as foreign key to refer to Lender by 1-M Authorize relationship.

So add LenderNo column in Loan table and make it Foreign Key and NOT NULL as it is mandatory.

* Loan also uses InstID as foreign key to refer to Institution by 1-M uses relationship.

So add InstID as column in Loan table and make it Foreign Key and NOT NULL as it is mandatory.

* DisburseLine uses LoanNo as foreign key to refer to Loan by 1-M Sent relationship.

So add LoanNo. as column in DisburseLine table and make it foreign key and NOT NULL as it is mandatory.