PROBLEM 5:

1. Convert the ERD shown in Figure 2 into tables. List the conversion rules used and table design. For each table, you should list the primary key, foreign keys, other columns, and NOT NULL constraints for foreign keys if necessary. You do not need to write CREATE TABLE statements.



Figure 2: ERD for Conversion Problem 5

SCHEMAS OF THE TABLES FOR THE ABOVE ENTITY-RELATIONSHIP DIAGRAM:

Account(Acctid PRIMARY KEY, *Decomposedid,* AcctName, Balance)

FOREIGN KEY(*Decomposedid)* REFERENCES(Account).

CONVERSION RULES USED:

1. Entity rule is used to convert entity into table.
2. M-N relation is used to identify the foreign key for the table.