5.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

Solution:

Account(Acctid,AcctName,Balance)

FOREIGN KEY (suppAcctid) REFRENCES Account

suppAcctid NOT NULL

Rules:

Entity Type rule used to convert entity to table

Foreign Key is added for 1-M relationship rule (self referencing here )