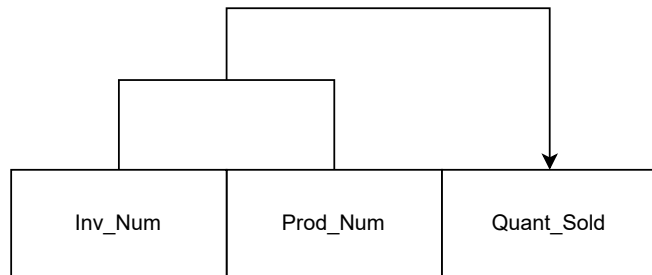


7.

Dependency Diagram:

Table 1

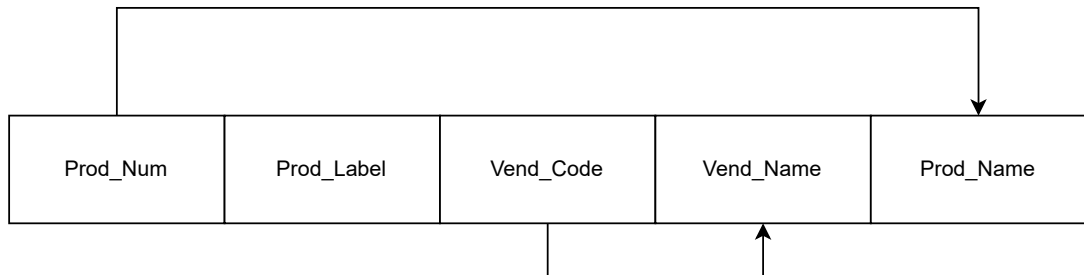


Primary key: Inv_Num + Prod_Num

Foreign keys: Inv_Num (to Table 3), Prod_Num (to Table 2)

Normal form: 3NF

Table 2



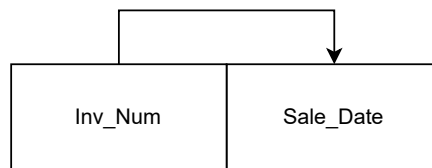
Primary key: Prod_Num

Foreign keys: Vend_Code (to Table 4)

Normal form: 3NF

Transitive
Dependency

Table 3

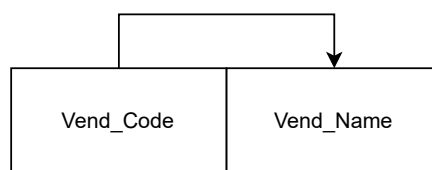


Primary key: Inv_Num

Foreign keys: None

Normal Form: 3NF

Table 4



Primary key: Vend_Code

Foreign keys: None

Normal_Form: