Project related artifacts
Entity-Relationship Diagram (ERD)

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Quantity
Manufacturer_Id (Pk, Fk)
Quantity

Manufacturer
Manufacturer_ID (Pk)
Manufacturer
Component_ID(Fk)

Quality Control
Component_Id (Ck/ Fk)
Quality_Control_type(Ck)
Result
Test Number(Ck)

Components
Components
Components_Id (Pk)
Products

Manufacturing Cost
Manufacturer_Id (Pk)
Manufacturing_Cost

Assembly Plant
Product
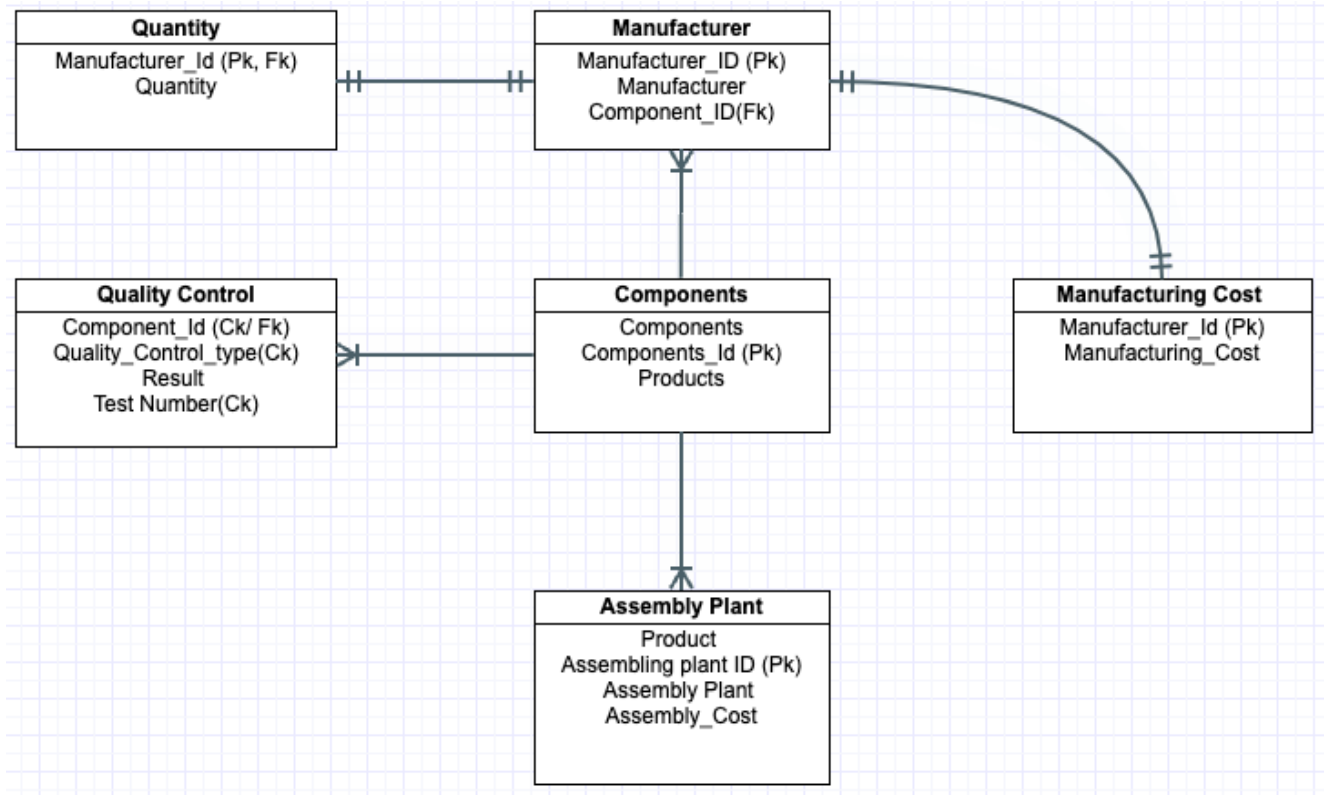Assembling plant ID (Pk)
Assembly Plant
Assembly_Cost

Diagram Overview:
The ERD visually represents these entities as boxes and their relationships as lines between the boxes. Each entity has its attributes listed within the box, and the lines show how the entities are connected based on their relationships.

This ERD provides a clear visualization of the database structure, displaying how different entities are related to each other through their keys and relationships.