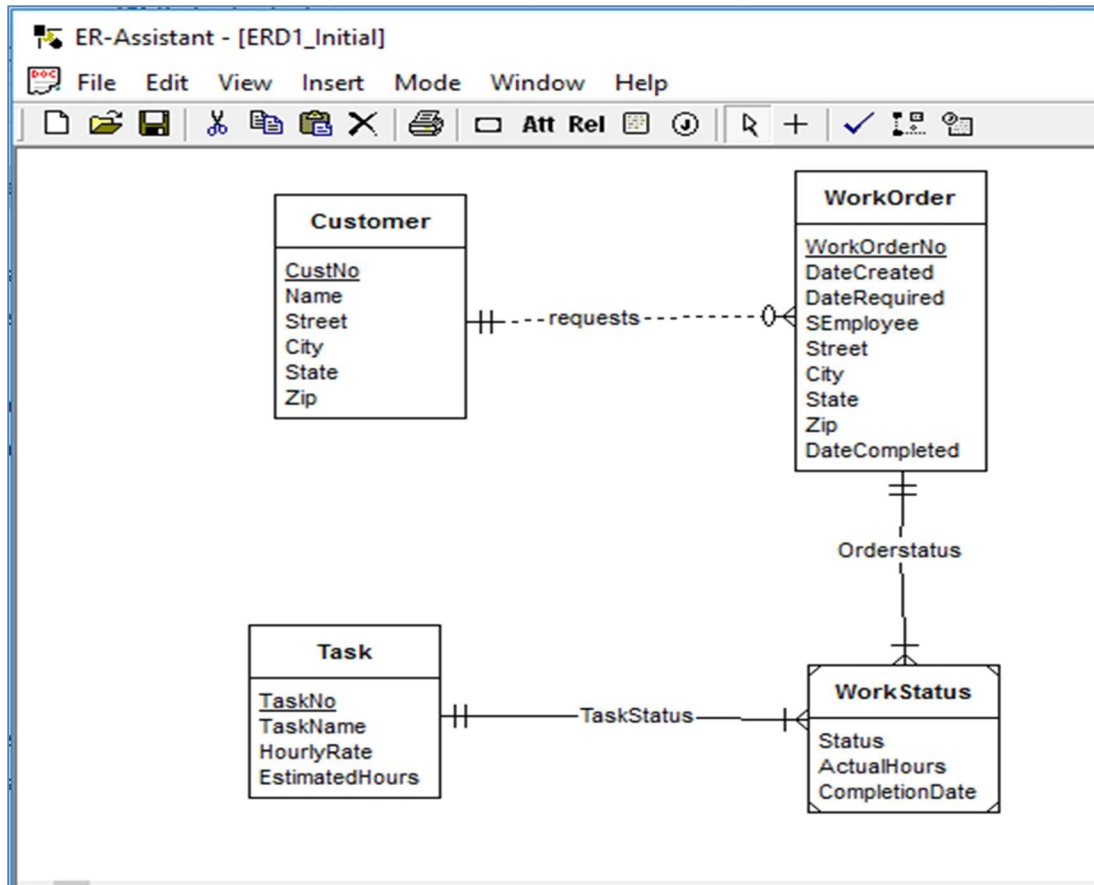# Problem 1

Software Used : **ER Assistant**

Initial Design of ERD

ERD – Revised

- Considering the First Requirement Material Entity was added with attributes as mentioned.
- WorkOrder and Materials Have M-N relationship, it is decomposed into two parts (1-M) relationship.
- EstimatedHours is deleted from Task Entity and was added in the Weak Entity WorkStatus.