



## Updates to the EER

- Updated the relationship between the transaction, store, and product entities. Instead of making it a three-way relationship, we changed it to 1-N and N-M relationships between the three. This was done to remove redundancy in the EER.
- Removed Manufacturer as an entity and made it an attribute of the Product entity type
- Removed Category as an entity and made it a multivalued attribute of Product entity type
- Moved Quantity from an attribute of the transaction type Sold as an attribute of Transaction
- Renamed the EmployeeID attribute of the Holiday entity type to AddedByEID
- Created CREATED\_BY relationship between Holiday and User
- Created Report Entity
- Created VIEWED relationship between AuditLog and Report entity
- Renamed the Transaction table to Sale since Transaction is a keyword in SQL
- Removed TransactionID from Sale table
- Renamed the Population attribute to PopulationSize
- Renamed the User entity to Employee since User is a keyword in SQL
- Renamed the LoggedIn relationship to LOG\_IN
- Moved the Holiday ON\_HOLIDAY relationship with the Transaction entity to a CREATED\_BY relationship with the Employee entity