

**ERRORS AND RESOLUTIONS:**

* **DIAGRAM ERRORS:**

1. The *Income of* relationship must not be optional for both Account and Payment

* **DESIGN ERRORS:**

1. Since *AcctId* is unique, account should not be a weak entity type.
2. The process relationship is redundant with MakeSale and Sold relationships.
3. The cardinality of *ExpenseOf* is reversed. It should be a many, optional relationship towards expense and one mandatory towards Account entity
4. The cardinality of *IncomeOf* is reversed. It should be a many, optional relationship towards Payment and one mandatory towards Account entity
5. The minimum cardinality of *Purchases* should be 0 for *Vehicle*. A vehicle is not related to the customer before sale.
6. The minimum cardinality of *Sold* should be 0 for *Vehicle.*

**New ERD:**

