Problem 2:

The ERD given contains the following errors.

* Design error 1: *Account* should not be a weak entity type as the description indicates that AcctId is unique. If *Account* is a regular entity type, the *IncomeOf* and *ExpenseOf* relationships should be regular, not identifying.
* Design error 2: The cardinality of *IncomeOf* is reversed. The description says that each payment has an account and accounts are related to a collection of payments.
* Design error 3: The cardinality of *ExpenseOf* is reversed. The description says that each expense has an account and accounts are related to a collection of expenses.
* Design error 4: The minimum cardinality of *MakesSale* should be 0 for *Vehicle*. The description says that a vehicle can remain on the lot some days before a sale is made.
* Design error 5: The minimum cardinality of *Sold* should be 0 for *Vehicle*. The description says that a vehicle can remain on the lot some days before a sale and related payments are made.
* Design error 6: The *Process* relationship is redundant with the *MakesSale* and *Sold* relationships. The description says that the same employee makes the sale and processes the payment.
* Design error 7: The minimum cardinality of *Purchases* should be 0 for *Vehicle*. The description says that a vehicle can remain on the lot some days before a sale and related payments are made. Before sale, a vehicle is not related to a customer.
* Here is the revised ERD correcting these errors.

