

Solution 3

List of 5 mistakes:

1. Incorrect identification in table Software System.

- Table originally identified records by name, version and reldate.
- Table now identifies records by name and version, or version and reldate.

2. Syntactical Error near Employee table, * symbol next to attribute e#. This symbol does not belong here, or anywhere else nearby.

3. Incorrect Association of Involvement to Programmer, Involvement should be an association class between Module and Programmer. Remove multiplicity 1..* as a result, as well as association label / role "Is-involved"

4. Missing generalization from class Software System; Enterprise Software, Educational Software and Engineering Software. Generalization should be of (t-e) type.

5. Association between Tool and Software System is many-to-many, without any association class. An association class must be added here. Tool Identification also incorrect, should be identifiable by name and version number together.

Modified Schema:

