

**CSC 540**

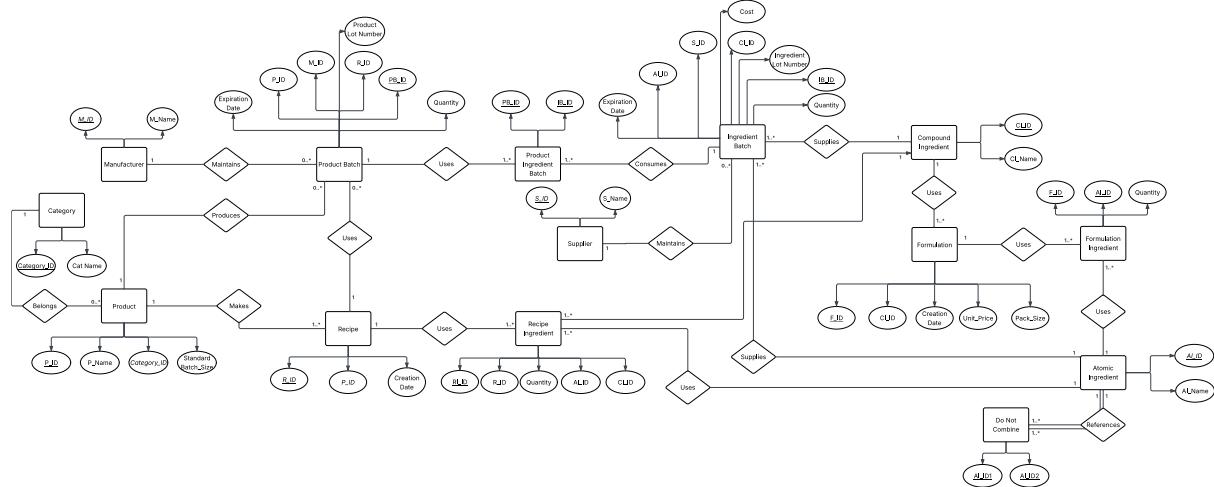
**Group 19**

**Nico Field (ndfield)**

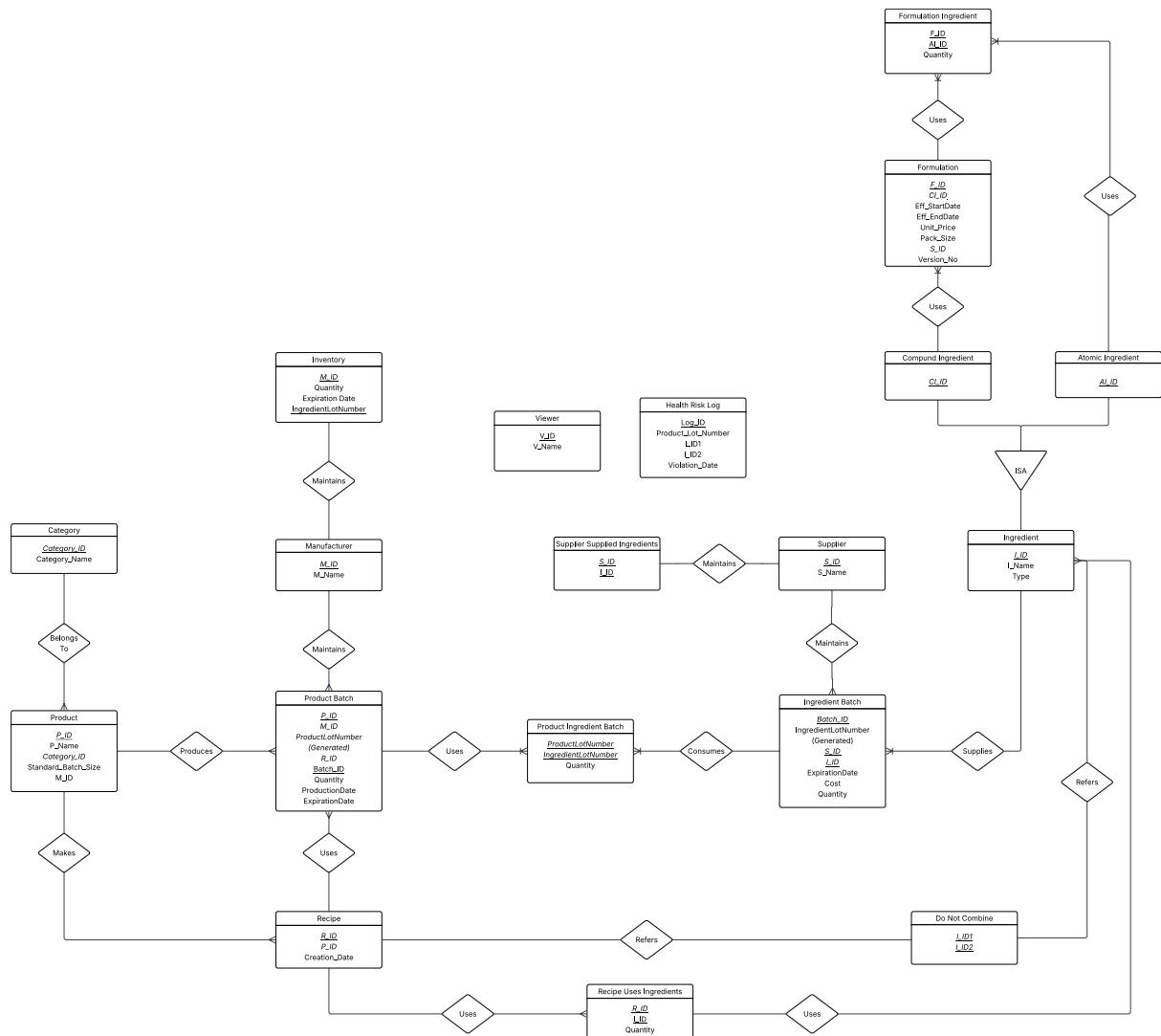
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## OLD ER DIAGRAM:



## NEW ER DIAGRAM:



The current version of the ER diagram has major changes in the architecture of the supplier side of things. Atomic and Compound ingredients are generalized by “Ingredients” through an ISA relation. This changes how the recipes reference the ingredients that are needed. Apart from this, to maintain a sense of consistency and symmetry, some relations that had attributes were tweaked and converted into tables.

A couple of tables like Inventory, Viewer and Health Risk Logs have been added to meet the functional requirements of the given problem statement.

This version also comes with a visual overhaul as the way tables are represented are reworked. The attributes that were floating as bubbles are now encapsulated in cells that represent the schemas of the individual relations. The cardinality of the relations are now represented by visual signs instead of numbers.