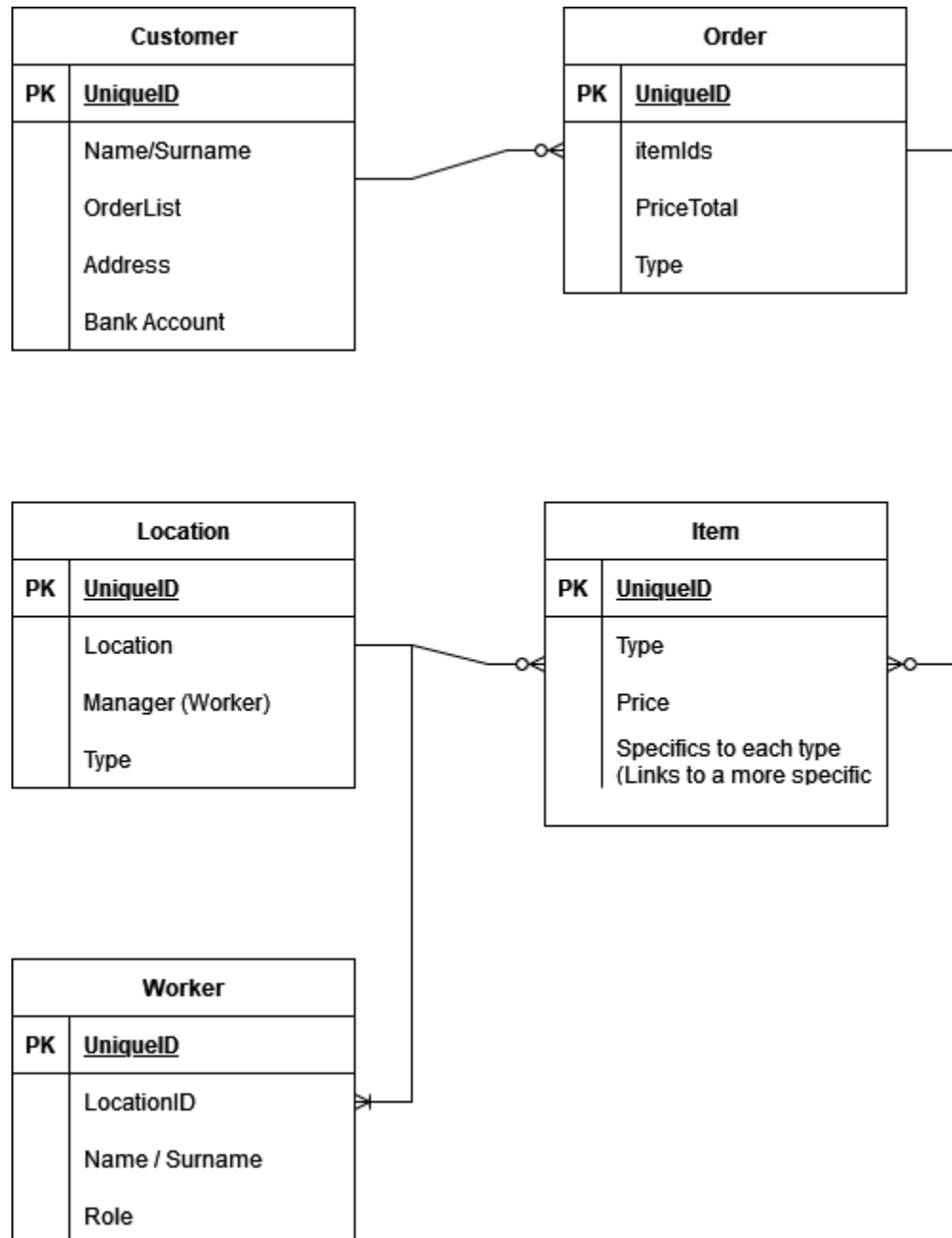


Relational Model Basis

The database we are to create for the project will be one in SQL that handle both the transactions themselves and stores a ledger of them, but also helps manage various things regarding a user's account, and purchase history.



We will have as a model basis, the one detailed here made in SQL, with more detailing, as this is a simple draft. We would have a total database of items and the location in which they are stored (And the amount thereof) as an array (Allowing there to be for example, Item 1, with 3 in Location 1, and 2 in Location 2); Orders can contain from 0 to infinite items; and Customers can have from 0 to infinite orders; Locations also having the data of their workers.

I believe that this simplified SQL system would help us have a basis from which to work the database and program it proper, which would be doable for this first sprint.