The displayed ERD follows a database structure for a coffee shop. The model has a total of five tables namely: order, item, inventory, recipe, and ingredient. The order table is the most used entity table as it serves to be the major role in processing customer orders. The following shows each entity relation:

- Order entity is connected to the item entity in a one to one relationship, ideally an order record or the customer order can only have one item detail record to be purchased in a single transaction.

- Item entity is related to the recipe in one and only one to one or many relations, due to the fact that a single item id alone can have several or one recipe.

- Recipe links to the ingredient entity in one or many to one relation, allowing a single ingredient to be in multiple recipes.

- Ingredient entity is connected to inventory in one to one relation to maintain tracking each ingredient's quantity to the inventory record.