

Project Phase #1

ER Diagram

Assumptions

1. We assumed the format of customer ID as CXXX where X = {0, 1, 2, 3, ..., 9}.
2. Each employee has only one employment with a start date and designation.
3. We have mentioned “id” as primary key for the shop entity.
4. The below is the table which has the information about the superclass and subclasses.

Superclass	Subclasses
Person	Employee, Customer
Customer	Ordinary, Silver
Employee	Area_Manager, Deliverer, Staff
Shop	Restaurant, Supermarket

These are the current assumptions. The logical designed will be modified accordingly if any assumptions made further.

