Statement of Requirements

STORE

1. All stores have a 4 digit number that identifies them
2. Every store has a name and an address

DEPARTMENTS

1. Each department has a unique name
2. Each department is related to a single store\_num

AISLE

1. Each Aisle has an ID that’s made up of the first letter of the department and the aisle number
2. Every aisle has a number
3. Every aisle is related to a department

ITEMS

1. Items are related to a specific store, department in that store, and an aisle in that department
2. Fresh items are identified with a 4-digit number, Non-fresh items are identified with an 8 digit number
3. Each item has a name
4. Each item has an amount On\_Hand
5. Each item has a base price
6. If an item goes on sale its sale\_factor decreases

ADMIN

1. There is one admin that is identified by a store\_num

ORDERS

1. An admin can make an order
2. If on\_hand == 0 then a new order will be made for 5 units
3. The order will keep track of the Amount\_Ordered

GROCERY LIST

1. Contains info based on the item code
   1. Item\_name, store\_num, Aisle\_num are inherited
2. Price = items.Price \* Sale\_Factor