CST 2406

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Logical Design

Entities:

Store, Sales, Schedule, Employee, Inventory, OrderList, Delivery, InstoreOrder, OnlineOrder, Customer, STAMP, POS, Menu, SOP

Entities Relationship:

Each **Store** makes **Sales.** There are hourly, daily **Sales** record for each **Store.**

The hourly, daily **Sales** maps out how shift **Schedule** should be.

**Schedule** depend on the available **Employees**. **Employees** are put into **Schedule** to work.

Each **Store** has **Inventory** in stock. **Inventory** is needed for **Stores** to operate.

After counting **Inventory** in stock, **OrderList** can be made. **OrderList** are the supplies needed to add into store **Inventory**.

When **OrderList** is sent out to supplier, they will ship out **DeliveryOrder**.

Each **Store** has **InStoreOrder** and **OnlineOrder.**

Each **InStoreOrder** and **OnlineOrder** have a **Customer** associated with.

The **Customer** has their **STAMP** promotion record.

Each **Store** has their **POS** system.

Within **POS**, there are **Menu** items set up.

Each **Menu** item, there is **SOP**(Standard Operating Procedures) in how making each item.