

## Documentation of Process.

### Step 1.

I chose my mini world on Excel which was an organic tea shop.

### Step 2.

I chose a scenario of a tea shop based in NYC that I frequently pass by but have yet to try. The Organic Tea Shop is called "Sullivan Street".

<https://www.onsullivan.com/pages/sullivan-street-tea-and-spice-company>

### Step 3.

I researched the tea shop and found their website. While skimming through the website I got to know fun facts about the owner along with the employees based on their bio information. I also go to scroll through their menu and prices.

### Step 4

Based on the website setup. I started to sketch on my iPad the entities and attributes and most importantly for this project, the relationships. When working on the entities I determined which would be the primary key in which I highlighted in my notes to differentiate. The entities were decided on a thought of how the owner processes or keeps track of sales and what's in stock. Some Attributes were decided based on the tea being sold at Sullivan Street. Their prices per ounce were also added to my scenario.

### Step 5

After sketching out all my entities and attributes. I researched information about the tea company and how owners determine which vendor is the best and it's based on the companies certification level. This was a significant fact I wasn't aware about prior to this research. I started researching companies /vendors in NYC that most tea shop may be using. Overall all companies mentioned are actual real companies that businesses actually use.

<https://www.republicoftea.com/blog/about-us/tea-certifications/cert/?srsltid=AfmBOorCPNO3d6e5akrgvBt3XeuuPWPzjMQGtUL5Zcs8jkcXSkkt1Ar>

<https://www.teaformeplease.com/what-do-tea-certifications-mean/>

### Step 6

After filling in the chart, I was able to then identify what my Cardinality will be. This is significant because one of the requirements is to sketch out a Chen Style ER Diagram. I understand that cardinality is represented as diamonds and involves one to many, many to many relationships.