

Bregghan Point of Sales System Case Study Objectives

The following represents notes taken from various meetings about project objectives with Dr. Manuel Calimlim Jr, the project adviser and project sponsor Ms. Devilyn Ligligen:

Ms. Devilyn Ligligen oversees the family-owned Bregghan mini-market, which is located on Mt. Makiling Street. City of Makati. The grocery store is regularly operated by two employees, both of whom are selling the products to consumers. Residents and "sari-sari" establishments in the vicinity can purchase goods from the grocery store in retail, wholesale, and bulk. There is only room for 1 to 5 walk-in customers. Additionally, the store sells a wide range of commodities, including canned goods, frozen meals, dairy, beverages, and alcohol.

In order to improve the operations of the family mini grocery store the project team should assess the needs of the client since Ms Ligligen experience problems with the store due to the sales are manually entered in a receipt book throughout the entire year, she is having trouble keeping track of the records that are sold (within the day, week, month, and year). With the given problems the store experiences not calculating the stocks of the item specifically as well as loss to of sales to the customers.

The project team ensures that within the duration of the whole project the client should be able to use a point of sales system that would digitize the use or calculation of the items for the store as well as keep track of the item stocks to be notified when a specific item should be resupplied leading to overall increase in efficiency, management, and inventory count for items.

The project team Aurora finished constructing the structure of the system from back end to front end on March 10. 2023 and was able to demonstrate the full operation of the POS system to the project adviser as well as the project client debugging of the system has also been done to ensure the user experience of the client.

Objectives

Objective	Measure
<ul style="list-style-type: none">Develop a responsive webapp that tracks sales and stocks for Bregghan mini grocery store.	Done
<ul style="list-style-type: none">Reduce the number of steps the client must complete during the entire transaction to speed up checkout.	Done
<ul style="list-style-type: none">Present a report that would be accessible to client about the sales by order (Day, Week, Year)	Done
<ul style="list-style-type: none">Automatically compute the items bought by the customer and post records on the admin system.	Done