**H2ORDERS: Smart Ordering and Monitoring for Water Refilling Stations Businesses in Nasugbu, Batangas**

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**Functionalities or Features:**

* Ordering Process
* List of Water Refilling Station
* Transaction
* User Registration
* User log in
* User log out

**Importance and Functionalities:**

***Ordering Process***

This function is the highest priority among the other functions. Considering that the system is designed to help the customers and merchants to make a transaction online without going outside to buy or to refill their drinking water. Also, it literally designed to minimize the gathering of people to prevent the spread of disease.

***Time Development:*** Perhaps one week, considering that we will use Data Base and it requires organized accessibility of data to across effectively.

***List of Water Refilling Station***

This feature is important too, since the system is all about transaction between the customer and the merchant. This list of water refilling station allows any customer to choose from the various merchants their prefer stations. In addition, this will display the important details of each water refilling station that may review any necessary information.

***Time Development:*** Developer can develop it within three to four days since the needed list is already provided by the Sanitation Office of the Nasugbu Municipality.

***Transaction***

The nature of the system is transaction and all of the dealings between the customer and merchant will show at this phase of the system. Also, the ratings and review may imply to this feature in order to monitor the quality of products and the service of each water refilling station. As well as to maintain harmonious relationships of the users.

***Time Development:*** This feature can complete within three or more days. Considering that this phase must be well coordinated.

***User Registration***

This first phase of the system allow to gather information and details from merchants and also from the customer. This feature is consider to the profiling management of the system which must be store and manage in the Data Base accordingly.

***Time Development:*** One or two days, considering that developers are knowledgeable enough to this phase and still learning.

***User log in***

This phase is the second step of the system after registration process. This feature guarantee the user’s account such as the customer, merchant and also the administrator of the system. This also measure to prevent unauthorized access to any confidential data and intruders.

***Time Development:*** Developers can complete this phase within two or three more days since the team has enough knowledge and still learning.

***User Log out***

This feature is also significant to any system wherein any user must log out their account to prevent risk of others may access their account without any credentials. In addition, this may prevent unauthorized actions and phishing of information.

***Time Development:*** Two or three more days. The team were knowledgeable enough and still learning.