**E-BUYan: WEB-BASED E-COMMERCE OF TUY PUBLIC MARKET**

**AMIDST COVID-19**

**IMPLEMENTATION OF SOFTWARE AND TECHNOLOGIES**

**Functionalities or Features:**

* Adding or Deleting Orders
* Customer's Managing Orders
* Customer’s Mode of Payment
* User Login
* User Logout
* User Registration

**Importance and Functionalities:**

* Adding or deleting orders are set as the highest priority. This is a selection of orders, if the users want to purchase an item, they can just add it to the cart and the details will be displayed, such as the total amount. The items inside the cart can be modified by adding or deducting the items inside the cart.

**Time of Development:** Three (3) days, or more. Since, we have minimal knowledge on the framework that we're going to use.

* Managing the Customer’s order is set as the high priority. This will be encountered if the user has made an order and needs to choose if the order will proceed to transactions or the customer will cancel it.

**Time of Development:** Three (3) days, or more. Since, we have minimal knowledge on the framework that we're going to use.

* Customer’s mode of payment will be Cash on Delivery. In managing the orders, the payment will be visible to the customer if they choose to proceed with the transaction and the customer just needs to wait at their house and give the payment to the delivery driver when their items are delivered.

**Time of Development:** Three (3) days, or more. Since, we have minimal knowledge on the framework that we're going to use.

* User login is available for Customers, Vendors, and Drivers. This is one of the important features of this system because this will give a security layer in the middle of secured and unsecured activity.

**Time of Development:** Three (3) days, or more. Since, we have minimal knowledge on the framework that we're going to use.

* User logout can be seen under the user icon. Log Out will be the exit point of every account in the system.

**Time of Development:** Three (3) days, or more. Since, we have minimal knowledge on the framework that we're going to use.

* User registration is available for Customers, Vendors, and Drivers. This part is important too because it will hold a lot of records in the database because of the confidential information that will be gathered.

**Time of Development:** Three (3) days or more. Since we have minimal knowledge on the framework that we're going to use.

**Approach and Technologies**

* The framework that we are going to use is Laravel. It is a progressive web framework that has a variety of tools to use - tools like HTML, PHP, CSS, and more.
* For databases, we are going to use MySQL to manage and store the data that we are going to insert.
* We will use the Middleware Data Integration as our approach, wherein we need to use APIs to generate exact and automatic information about the details of the order. (E.g. is the shipping where the user can know how much the shipping fee is.)