**Group No: 8 Date: November 09, 2022**

**Group Members: Borja, Karl Vladimir B.**

**Cayanan, Luis Miguel I.**

**Paldeng, Carl Lester P.**

**Quiambao, Mark Erolle**

**Topic: Catering Services**

**Roles**

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| Member Name | Roles and Contribution |
| Borja, Karl Vladimir B. | - Program Content (Party Packages)  - Program Flow  - Program testing  - Contribute various ideas for program creation |
| Cayanan, Luis Miguel I. | - Program Code  - Functions  - Input Validation  - Menu/Options/Cart/Reset  - Program Calculations  - Program Flowchart  - Program Formatting |
| Paldeng, Carl Lester P. | - Program content (Catering Services)  - Created descriptions for Read More (About us, etc.)  - Description checker  - Program Testing  - Contribute ideas on options |
| Quiambao, Mark Erolle | - Aide members in creation of program content such as about us, party packages, etc.  - Aide in program formatting  - Aide in Program Flow  - Program testing and identification of program errors |

**Program Description**

- Our program acts as a shopping application where consumers can select products and order catering services. It is a program that receives user inputs for operations, orders and user information for order processing. This application also has built-in calculations for user orders, including quantity, costs for each order based on quantity, total purchase for each section, reset cart and overall total. It prompts the user input and displays its specific function. If a user's input is not recognized, it asks for a valid input.   The program provides various catering options for users to browse, compare, purchase, display total purchase, and check out.

**Purpose**

* Secured order transaction
* Saves time, money and effort
* Ease of Access
* Less physical contact
* No pressure on ordering
* View and compare products/services offered
* Convenient shopping

**Major Features**

* Options for each dedicated menu
* Input validation (display specific functions according to user input such as viewing of main options, carts, packages, order, quantity etc.)
* If user input is not recognized, it reminds the users and prompts for a valid input
* Built in calculation for user orders such as orders and their corresponding total based on their quantity, total of each section (party food, rentals and party needs, catering services) and overall total
* Provide a main cart which provides the list of items ordered from different sections along with their quantity, price, an option to checkout, reset all orders, return to main menu and total price.
* Obtain user information and details for order processing and display total amount, total to pay and various information.