**Definition of Terms**

Define terms related to the assigned topic.

Variable and function names used should also be provided with brief description.

variables

party\_pack1,party\_pack2,party\_pack3 = 0,0,0 #NUMBER OF PARTY PACKS ORDERED

price\_pp1,price\_pp2,price\_pp3 = 10261.00, 11707.00, 12404.00 #PRICES OF EACH PARTY PACKS

pp1,pp2,pp3 = 0.00,0.00,0.00 #DISPLAYS THE TOTAL OF EACH ITEM ORDERED IN EQUIPMENT RENTAL

total\_party\_pack = 0.00 #TOTAL IN PARTY PACKS

rental\_pack1,rental\_pack2,rental\_pack3 = 0,0,0 #NUMBER OF RENTAL PACKS ORDERED

price\_rp1,price\_rp2,price\_rp3 = 100.00, 130.00, 160.00 #PRICES OF EACH EQUIPMENT PACKS

item1,item2,item3,item4,item5,item6 = 0,0,0,0,0,0 #NUMBER OF RENTAL ITEMS ORDERED

price\_i1,price\_i2,price\_i3,price\_i4,price\_i5,price\_i6=100.00,100.00,20.00,50.00,15.00,50.00 #PRICES OF EACH EQUIPMENT ITEMS

p1,p2,p3,p4,p5,p6,p7,p8,p9 = 0.00,0.00,0.00,0.00,0.00,0.00,0.00,0.00,0.00 #DISPLAYS THE TOTAL OF EACH ITEM ORDERED IN EQUIPMENT RENTAL

total\_rentals = 0.00 #TOTAL IN RENTAL AND EQUIPMENT PACKS/ITEMS

wed\_pack1,wed\_pack2,wed\_pack3 = 0,0,0 #NUMBER OF WEDDING PACKS ORDERED

price\_wp1,price\_wp2,price\_wp3 = 24000.00, 38000.00, 75000.00 #PRICES OF EACH WEDDING PACKS

b\_pack1,b\_pack2,b\_pack3,b\_pack4,b\_pack5,b\_pack6 = 0,0,0,0,0,0 #NUMBER OF BIRHTDAY PACKS ORDERED

price\_bp1,price\_bp2,price\_bp3,price\_bp4,price\_bp5,price\_bp6=18000.00,28000.00,55000.00,13000.00,21000.00,38000.00 #PRICES OF EACH BIRHTDAY PACKS

c1,c2,c3,c4,c5,c6,c7,c8,c9 = 0.00,0.00,0.00,0.00,0.00,0.00,0.00,0.00,0.00 #DISPLAYS THE TOTAL OF EACH ITEM ORDERED IN CATERING SERVICES

total\_catering\_packs = 0.00 #TOTAL IN CATERING SERVICES PACKS

quantity = used to identify the number of packages/items the user want to order

ask\_resets = used to identify if user wants to reset his/her order

ask\_order\_q = variable used to ask if user want to order or back (return to previous page)

main\_option = option for main options

opt = option for information options

party\_option = options for party food

party\_code = code of the party pack user wants to order

rental\_options = options for rental and party needs

pack\_code = code of the rental pack user wants to order

item\_code = code of the rental item user wants to order

catering\_option = option for catering services

wed\_pack\_code = used to identify the code of the wedding pack user wants to order

bday\_pack = used to idenfity the code of the birthday pack user wants to order

checkout = used to identify if user wants to checkout, reset order or back (return to previous page)

name = used to display the user name

confirmation = confirmation of user details

order\_again\_program = identify if user wants to order again or not

Functions and Variables

MENU() – Display the main options of the program and program design

check\_main(x) – Check if user input is within the given choices and convert it into an integer and return the value. If not, return x.

variable x = used to identify user input

four\_option(option) – “”

variable option = used to identift user input

BACK() – Display design and enter loop. Ask the user to input 0 if he wants to back to the previous page. If user input is not recognized, displlay invalid input and loop back.

variable back = determine user input if he wants to go back to the previous page

six\_option() = Enter loop and ask user for item/pack code with 6 options. If user input is not within the choices, display invalid input and ask again. If user input is within the choices, exit the loop and return user input as an integer.

variable pack\_code = stores user item/pack code

numberOfItems() – Enter loop and ask for user input of item/pack quantity. If user input is not an integer, display input must be an integer and ask again. If user input is an integer but less than or equal to 0, display input must be greater than 0 and ask again. Else, break the loop and return the quantity.

variable quantity – number of items/packs user wants to order

ask\_reset() – Display choices and enter loop. Ask if user wants to reset order or not. If user input is not within the choices, display invalid input and ask again. Else, break the loop and return user input

variable ask\_reset = stores user input if he/she wants to reset orders

ask\_if\_order\_q() – Display choices and enter loop. Ask if user wants order or return to previous page. If user input is not within the choices, display invalid input and ask again. Else, break the loop and return user input

variable ask\_order\_q = stores user input if he/she wants to order or go back to previous page

information\_options() – Display information options and design

about\_us() – Display BURI catering about us section and design

contact\_us() – Display contacts of BURI catering and design

terms\_of\_payment() – Display informaton about BURI catering terms of payment and design

party\_options() – Display party options and design

check\_party\_option(party\_option) - Check if user input is within the given choices and convert it into an integer and return the value. If not, return user input.

party\_option = used if user input is within the choices

PARTY\_PACKAGES() – Display party packages and codes and design

show\_cart\_partypacks() – Display design and check if total of party pack != 0. If its true, validate conditions, display party pack orders and their total. Else, display no current items in the shopping list.

rental\_options() – Display rental options and design

rentalMenuPacks() – Display rental menu on packages and design

rentalMenuItems() – Display rental menu on items and design

show\_cart\_rentals() – Display design and check if total of total\_rentals != 0. If its true, validate conditions, display rental orders and their total. Else, display no current items in the shopping list.

catering\_options() – Display catering services options and design

WEDDING\_PACKAGES() – Display wedding packages, codes and design

BIRTHDAY\_PACKAGES() – Display birthday packages, codes and design

show\_cart\_catering() – Display design and check if total of total\_catering\_packs != 0. If its true, validate conditions, display catering packs orders and their total. Else, display no current items in the shopping list.

confirm\_checkout() – Display checkout options, design and enter loop. Get user input and validate it. If user input is not within the choices, display invalid input and ask again. Else, convert user input to integer and return it.

variable checkout = use to get user input if he wants to checkout, reset or return to previous page

details() – Get user details such as name, number etc., display it back to the user and ask to check it wisely. Finally, program return user input on name

name = get user name

number = get user number

address = get user venue address

date\_order = the date which order is created

date\_req = the date of order delivery

guest\_count = the number of guests

payment = user mode of payment

final\_confirmation() – Display user confirmation of details, design and enter loop. Ask user for confirmation and if user input is not recognized, display invalid option and ask again. Else, break the loop and return user input as an integer

variable confirmation – get user input on confirmation of details

final\_output() – Display final outputs, such as name, total bill, how much to pay and all other details.

order\_again() – Display order again options, design and enter loop. Get user input and validate it.If user input is within the choices, break the loop and return user input as an integer. If not, display invalid option and ask again.

variable order\_again = get user input about creating another order or not