# Pseudocode

## Validation Name

FUNCTION validate name (name, error index)

IF name length equal to or less than 1 THEN

Output invalid name

Return false

ELSE

Return true

END IF

END FUNCITON

## Validate Student ID

FUNCTION validate Student ID

Regular Expression = /[a-zA-Z]{3}[0-9]{8}/gm

Duplicate = false

IF student id equal to student id verification AND student id length Does not equal 0 then

Duplicate = true

ELSE

Output invalid student id

END IF

IF Regular Expression execution equal to false AND duplication equal to false then

Invalid student id

Return false

ELSE

Return true

END IF

END FUNCTION

## Create User

FUNCTION create user

User = {operation: 0, student id: student id, first name: first name, last name}

Json = json stringify(user)

Send message (json)

Output message send

Store user in local storage

END FUNCTION

## Display Basket

FUNCTION create basket

Html = “<tr><th>Item</th><th>Price</th><th>Quantity</th><th></th></tr>”

FOR basket index = 0; basket index is less than basket length; basket index increment DO

FOR index = 0; index is less than basket[basket index] length; index increment DO

Product type = basket[basket index][index][“product type”]

Html += “<tr><td>” + basket[basket index][index][“product description”]

IF product type is equal to “Meal Deal” then

Html += FUNCTION create combo table

Basket[basket index][index][“product id”] = basket[basket index][index][“product id”]

ELSE

Html += “<td><button> class”removeItem” onclick=”removeItem(basket[basket index][index].productID)”> </button></td>”

Html += “</tr>”

END IF

Table = create element table

Basket table = get element by id “basket table”

Table set attribute “id”, “tableID”

Table inner html = html

Basket table append child table

END FUNCTION

## Validate basket

FUNCTION check length of basket

IF basket is equal to null

Return true

END IF

IF basket[0] length is equal to 0 AND basket[1] length is equal to 0 AND basket[2] length is equal to 0

Return true

END IF

END FUNCTION