MODULE SPECIFICATIONS:

Verify Customer Order:

Variable Order;

IF Order is received;

       IF order is valid;

              Order is verified;

       ELSE

              Order is rejected;

Return;

Create Order Report:

Variable Order;

IF Order is valid;

       Order report is returned;

Return;

Create Customer Receipt:

Variable Accepted Order;

IF Accepted order(s) is received;

       Receipt report is returned;

Return;

Get Accepted Order:

Variable Order;

IF Order is valid;

       Order validation is returned;

Return;

Get Processed Payment:

Variable Payment(s);

IF Payment(s) is valid;

             Processed payment(s) is returned;

Return;

Print Receipt:

Variable Receipt;

IF Receipt details is received;

          Printed receipt is returned;

Return;

Accept/Decline Debit/ Credit Card:

Variable Payment(s) details;

IF Payment(s) details is received;

          IF Payment(s) is valid;

             Payment(s) validation is returned

         ELSE

             Payment(s) is rejected;

Create Process Payment Detail:

Variable Valid payment(s);

IF Valid Payment(s) is recieved;

      Processed payment(s) is returned;

Return;

<u>Normalize Data for D1:</u>

Variable Processed payment(s);

IF Processed payment(s) is recieved;

      Normalized Data is returned;

Return;

<u>Apply Statistical Analysis:</u>

Variable Order(s) data;

IF Order(s) data is received;

      Statistical data is returned;

Return;

<u>Generate Statistical Report:</u>

Variable Statistical Data;

IF Statistical data is received;

      Statistical report is returned;

Return;

<u>GET/ Sort Orders Data:</u>

Variable Order(s) data;

IF Order(s) data is received;

      Sorted order(s) data is returned;

Return;

Generate Management Report:

Variable Sorted order(s) data;

IF Sorted order(s) data is received;

       Management report is returned;

Return;

Get/ Sort Orders Data:

Variable Order(s) data;

IF Order(s) data is received;

      Sorted order(s) data is returned;

Return;

Generate Log Data:

Variable Sorted order(s) data;

IF Sorted order(s) data is received;

      Log report is returned;

Return;

Get Processed Payment:

Variable Payment(s);

IF Payments(s) is valid;

      Processed payment(s) is returned;

Return;

Calculate Cash Flow:

Variable Valid payment;

IF Valid payment is received;

      Cash flow data is returned;

Return;

<u>Generate Cash Flow Report:</u>

Variable Cash flow data;

IF Cash flow data is received;

      Cash flow report is returned;

Return;

<u>Get Processed Payments:</u>

Variable Payment(s);

IF Payments(s) is valid;

      Processed payment(s) is returned;

Return;

<u>Create Deposit Transaction File:</u>

Variable Valid payment(s);

IF Valid payment is received;

      Deposit files is returned;

Return;