**Sub Process: Payments**

1. Prompt user to select a Payment method (Credit Card, Bank Card, NFC phone, Phone application).
2. If user selects the Credit Card

-Tap/Swipe == Payment

1. Else if user selects Bank Card

- Tap/Swipe == Payment

1. Else if user selects NFC payment

-Phone field Communication == Payment

1. Else if user selects phone application.

-Payment == 1 (True)

1. Does payment is Successfully completed?

-YES: proceed to the next step

-NO: Return to the Active Step

1. Display: Payment Successful
2. Dispense the Ordered items.
3. After the successful order completion update the inventory stock
4. Updating Inventory (Real-time):

-current\_inventory = total\_inventory -purchased\_product

// total\_inventory - (Inventory before the payment initialize)

// purchased\_product - (Inventory after the payment initialize)

1. Updation of the stocks in inventory

* total\_inventory = current\_inventory

1. Does the number of products decreased as compared to decided minimum stock levels.?

* Total\_products > Minimum\_stock ? // Set for the product row and column location.

-Yes: More products should be ordered

-No: More products should not be ordered

1. END

**Sub Process: Cancel Payment**

1. START
2. If user confirms the Cancellation:

* It returns to the Active State and all the adjustments in inventory has been reseted.

1. Display: “Transaction cancelled succesfully”
2. Else:

-Display “Transaction Cancellation Session aborted”.

1. END