**Keypad**

**Microprocessor**

**Liquid Crystal Display (LCD)**

**Monitor (GUI)**

**Pseudo RFID (Keypad)**

Microprocessor reads input key

User select snack no.

Return to Main Menu

Interrupts that time to scan cash card is up

30 Second Delay

Waits for user input for 30 seconds

GUI switches to Scan cash card screen

GUI switches to Quantity screen

Display “Input Quantity” on LCD

Display “Scan cash card” on LCD

Microprocessor reads input key

User inputs quantity no.