

## **Vendor machine(VM)**

1. User come infront of VM. VM will show a welcome message on screen and ask for pressing a button for scan RFID card.
2. After pressing that requested button, RFID scanner will start scanning and a red light will start blinking.
3. Reader will wait till user scans his/her card. After successful reading scanner turns off red led and blink once a green led together with a buzzer.
4. After reading VM checks ID's validity.
5. If id is invalid, (**see #21**).
6. If id is valid then it renders to food selection menu on screen together with price.
7. Here user selects his/her food, adds quantity. A receipt will generate automatically after selecting every single food item.
8. After selecting foods user will press "proceed" button.
9. VM will redirect user to a new page, where user will be invoked to choose payment method. There will be two methods. 1)Pay Cash, 2) e-Wallet.
10. If user choose 1(Pay Cash), then VM will immediately print the receipt.
11. After that user will go to respective cash counter and pay manually according to that printed receipt.
12. After paying, a paid seal will be given on it, then (**see #16**).
13. If user choose 2(e-Wallet), then VM will ask for pin.
14. User will input his/her pin, after that VM calls API and wait for API response. (it will take max 6 second).
15. If purchase successful, VM will print receipt with a digital paid seal.
16. Using that receipt user can get his/her food from food distribution center. (**see #21**)

17. If purchase is not successful, respective message will be shown on VM screen.
18. VM will ask user to choose an action to do. 1)pay cash, 2) Cancel transaction.
19. (see #10).
20. If user choose option 2(Cancel transaction), (see #21).
21. Then giving a respective message it renders to Welcome screen. Gets ready for another transaction/user.