### **Use Case Narration**

**Use case name:** Bottle/Can Return  
**Actors:** User, Recycling Machine  
**Goal:** To deposit empty bottles or cans and obtain a refund or reward points.  
**Preconditions:** User possesses recyclable bottles or cans.  
**Post conditions:** The items are accepted, and the refund or reward points are added to the user’s account.

**Main Flow:**

1. User approaches the recycling kiosk.
2. Machine greets the user with a welcome message.
3. User chooses the “Return Bottles/Cans” option.
4. Machine asks the user to place bottles or cans into the slot.
5. User inserts the recyclable items one at a time.
6. Machine identifies and verifies each item.
7. Machine computes the total refund amount or reward points.
8. Machine displays the calculated refund or earned points.
9. User selects the preferred payment option (cash, voucher, or digital rewards).
10. Machine issues the refund or credits the points accordingly.
11. Machine shows a “Thank You” message and concludes the process.