



Use Case Scenario I: User Recycling an Item

In this user scenario, the normal user will deposit a piece of material into the RCM. The user will select the type of material and press a button. Once the button is pressed, the RCM will weigh the item and calculate a value, and return that much money to the user. The actor in this scenario is the user.

Use Case Scenario II: Add/ Update/ Delete a Recyclable Item

In this user scenario the actor is the administrator and has control over all the RCMs. The actor manages all the RCMs in a tool called the RMOS. Through the RMOS the actor can add new types of recyclable items for the user to recycle, update the cost / pound of a specific material for an item for the user to recycle, or remove an recyclable item from the specified list.

Use Case Scenario II: View Statistics and Reset Weight/ Balance

In this user scenario the actor is the administrator and has control over all the RCMs. The actor manages all the RCMs in a tool called the RMOS. In the RMOS, the actor can view the statistics on each of the RCMs. For example, the actor can view the total weight of materials in each of the RCMs and the total balance of each RCM. In addition to these statistics, the actor can also restock the RCM with money if the balance becomes too low and can empty the RCM of all recycled materials, which would set the total weight to zero.