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Application Flow:

Recycling Station Interface

1. Log in the Recycling Station. (Credentials => Name: admin; Password: admin)
2. Select the operation which you want to perform from the dropdown
3. Add and activate an RCM. Enter machine id, location, weight capacity and cash
4. Remove a machine from the group. Select the required machine and click on Remove Button
5. Empty a machine. Select the required machine and click on Empty Button. The machine will return to its full capacity weight
6. Activate a machine. Select the required machine and click on Activate Button. Machine will become fully operational
7. Deactivate a machine. Select the required machine and click on Deactive Button. Machine will not be operational anymore.
8. Keep track of the status/last emptied/no of times used of each individual RCM.
9. Update the capabilities of the RCMs. Add new recyclable items.
10. Display other usage statistical information for each RCM in the RCM group.

Customer UserInterface

1. Select the machine on which you want to dump the items
2. For checking the capacity and occupied weight click on display weight button
3. After clicking on the Recycle button, you will be able to dump the items.
4. Select the type of reward you want i.e either cash or coupon
5. Add the items using the drop down menu.
6. Click on add button to add items and submit on transaction complete
7. Collect your reward

Function:

Login: Login method for admin view

RecyclingStationUserInterface =>

- Add/Edit RCM
- Track Status
    1. View Status
    2. Check No of times Used
    3. Check operational Status
- View Statistics
- Empty RCM
- Activate RCM
- Deactivate RCM
- Remove RCM

CustomerUserInterface =>

- Recycle Item
- Select type of reward
- Check current weight