

CRC Cards

Recyclable Item	
<u>Variables</u> <ul style="list-style-type: none"><li>• Type of Material</li><li>• Cost Per Pound</li></ul>	

Recycled Item	
<u>Variables</u> <ul style="list-style-type: none"><li>• Type of Material</li><li>• Weight (Pounds)</li></ul>	

User	
<u>Variables</u> <ul style="list-style-type: none"><li>• Username</li><li>• Password</li></ul>	

RCM	
<u>Variables</u> <ul style="list-style-type: none"><li>• Location</li><li>• Id</li><li>• Collection of Recycled Items</li><li>• Collection of Allowed Items to be Recycled</li><li>• Total Balance (Money)</li><li>• Total Weight (Of all recycled items)</li></ul>	<u>Collaborators</u> <ul style="list-style-type: none"><li>• Recyclable Item</li><li>• Recycled Item</li></ul>
<u>Functions</u> <ul style="list-style-type: none"><li>• Get value of an item</li><li>• Recycle Item</li><li>• Empty RCM</li><li>• Restock the RCM</li><li>• Add New Recyclable Item</li><li>• Remove Recyclable Item</li><li>• Update Cost of Recyclable Item</li></ul>	

RMOS	
<u>Variables</u> <ul style="list-style-type: none"><li>• Collection of RCMs</li><li>• User</li></ul>	<u>Collaborators</u> <ul style="list-style-type: none"><li>• RCM</li><li>• User</li></ul>
<u>Functions</u> <ul style="list-style-type: none"><li>• Login User</li><li>• Add RecyclableItem from RCM</li><li>• Remove RecyclableItem from RCM</li><li>• Update RecyclableItem from RCM</li><li>• Remove RecyclableItem from RCM</li><li>• View Total Balance in each RCM</li><li>• View Total Weight in each RCM</li><li>• Empty RCM</li><li>• View Weight in Metric Units</li><li>•</li></ul>	