2 decomposition

// recycle and upcycle trash

generative matrix

NOUN	VERB	OBJECT	PROCESS	WASTE	EMOTION	
30 year old woman	play	backpack		glass	convenience	A
Reverse Vending Machine	uses	kitchenware	sow	wood	happy	B
Primary school teacher	wash	umbrella	incinerated	cloth	sympathy	C
	process	functional Items	casting	rubber	romance	D
An amateur baker who bakes as a hobby	build	table	shredded	clothing	surprise	E
5 year old toddler	uses	pan	transforms	metal	optimistic	F
70 year old retiree	loves		reassembled	polyester	growth	
A businesswoman		t-shirt	deconstruct	paper	connection	

A: Upcycled Kitchenware from Wine Bottles

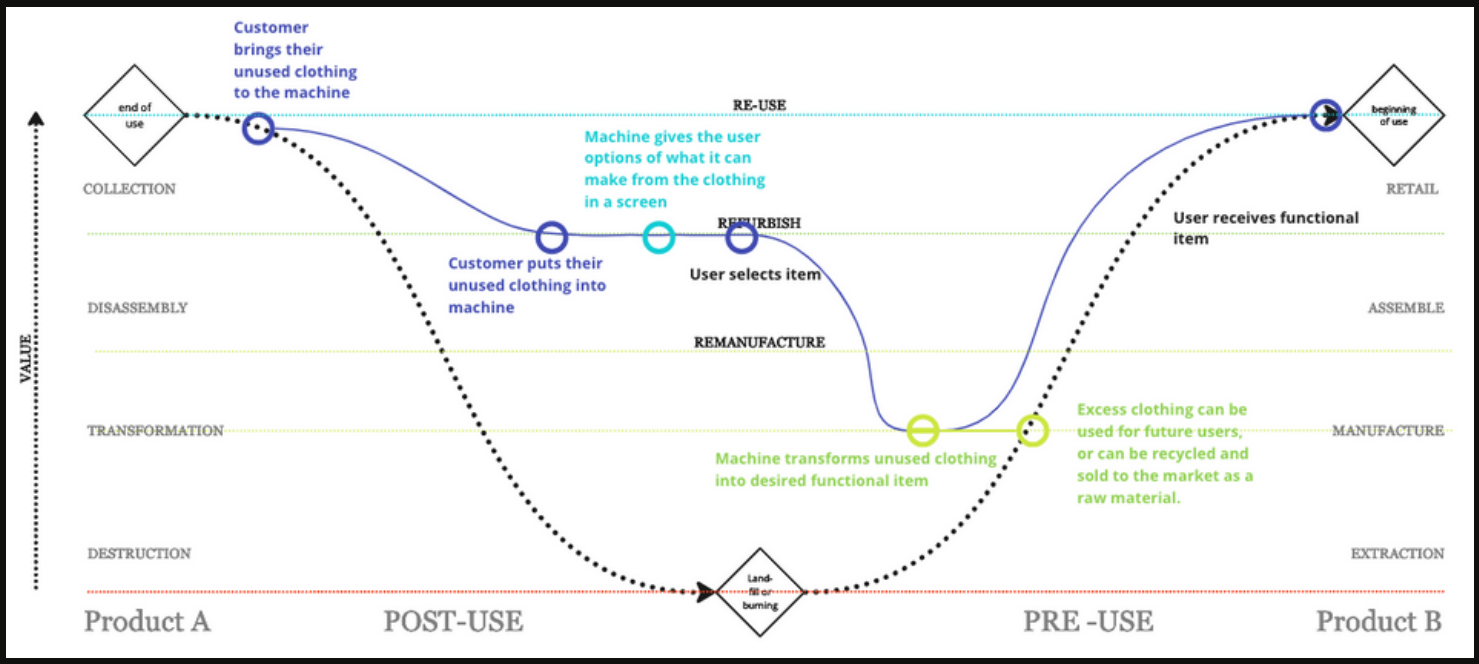
B: Reverse Vending Machine for Unused Clothes

C: Recycled Paper Backpack

refinement matrix

a futuristic	reverse vending	machine	transforms	unused clothing	functional	items	
0.1	0	0.1	0	0.1	0	0.1	A
0.3	0	0.3	0	0.3	0	0.3	B
0.5	0	0.5	0	0.5	0	0.5	C
0.7	0	0.7	0	0.7	0	0.7	D
0.9	0	0.9	0	0.9	0	0.9	E
1.1	0	1.1	0	1.1	0	1.1	F
1.3	0	1.3	0	1.3	0	1.3	
1.5	0	1.5	0	1.5	0	1.5	
0	0	1.7	0	1.7	0	1.7	
1.9	0	1.9	0	1.9	0	1.9	
2.0	0	2.0	0	2.0	0	2.0	

reverse vending machine for unused clothes

The reverse-vending machine accepts unused clothing pieces and transforms them into functional items such as kitchen cloths, rugs, bags, etc. This machine improves the user experience of recycling clothing and rewards them in return with any item made of fabric they need - from household items like rugs and kitchen wipes, to wearable items like bags and socks. In the end, it will transform the unused clothing into the desired product that the user wants.

manufacture and customer interaction diagram