

EcoTech

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Why Create EcoTech?



Many waste/unwanted items from households in the Ottawa region are ending up in landfills.

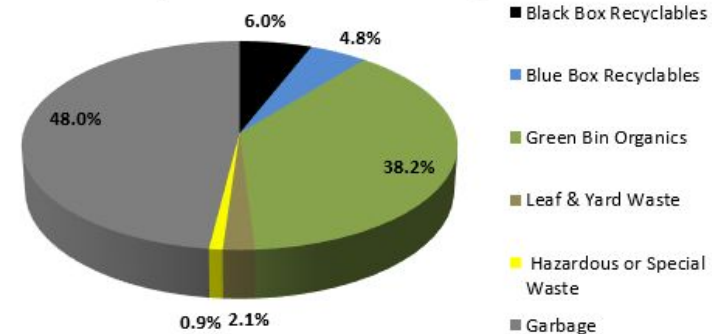
This created a need to find a better way to educate and help households in the area to become better at recycling properly.



Why is this important?

- 6% of materials found in the garbage belonged in the black bin
- 4.8% of materials found in the garbage belonged in the blue bin
- 38.2% of items found in the garbage were green bin organics
- 0.9% of the items found in the garbage were hazardous or special waste
- 48% of the garbage items belonged in the garbage

Composition of Waste Going to Landfill



Much of what is thrown out in the garbage can be recycled or composted.



Benchmarking

Design Specifications	Region of Waterloo, The Waste Whiz App	City of Ottawa Waste Management
Cost	Free	Free
System	IOS, Android	Website
Design Layout	Simple, easy to navigate	Simple, easy to navigate
Way of telling which type of waste it is	Allows you to search for different items and then tells what kind of garbage it is	Allows you to search for different items and then tells what kind of garbage it is
Gives locations of waste centres	Yes	Yes
Target Users	Households in the Waterloo region	Households in the Ottawa region
Encourages users to use it	Interactive game	None

Now we will show you
our solution.





Why use our solution?

Pros

- Simple design and layout
- Multiple ways to search for items

Cons

- Database will always have to updated
- Currently is not tested on a phone, but is tested on a computer



Thank you

Questions?