



WATER

WATER REUSED;

CONNECT

PLANET RENEWED

How might we take advantage of greywater?

THE PROBLEM

Water waste and overconsumption is a big issue in Canada. Canada is one of the top nations in water use per capita. We looked into this problem through the lens of greywater, and found that many average homeowners did not know about greywater or the overconsumption of fresh water in Canada. Homeowners use a lot of water and aren't aware of the effects of their consumption or the quantity of water which they consume daily.

OUR SOLUTION

The main purpose of our design solution is to educate homeowners in Canada as well as youth who access our website and app. The idea of greywater is fairly modern and not many people are aware of it, this is why we approached this dilemma with a modern solution. The website and app will provide homeowners with information personalized to their homes, such as the amount of water consumed within a month, which utilities are using the most water, and overall ways to decrease water consumption.

THE POTENTIAL IMPACT

Water Connect would allow homeowners to see a personalized database of their water usage. Recognizing the exact amount of water people use would allow them to examine which areas of the house that they are overconsuming. They could then factor that information into their daily actions, reducing their water usage. Water Connect would also allow homeowners to examine if certain appliances are overconsuming, regardless of behaviour. This would encourage homeowners to replace these appliances, saving much more water. Water Connect would reduce water usage and waste, and save Canadian homeowners' money at the same time.

DESIGN TEAM 3

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