

# **Team Coding Avengers - Worlds Waste Management**

## **ITSC 3155 Final Project Proposal**

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## 1 Introduction

We are inspired to make a difference to our world because as it stands now most people aren't aware of the current situation of the world's waste. We hope to convey the sheer amount of waste in the world to make people more aware of the amount of trash that currently exists. Mr Beast was one of the main inspirations and motivation for us as we hope to help communities around the world with our site.

### 1.1 Product Vision

For community service-oriented organizations and people, Worlds Waste Management is a website that provides valuable information on the state of waste management around the world. Unlike other websites, Worlds Waste Management provides an intuitive and easy to navigate center of information.

The goal of Worlds Waste Management is to create an easy to use center of information that organizations around the world can use to provide help to communities that need help with waste management. Using the provided information, organizations can provide short term improvements such as helping develop a waste management system. In conclusion, World Waste Management hopes to provide information that will lead to communities developing and maintaining a proper waste management system.

### 1.2 Customer Description

The customer would be communities that want to learn how their level of waste compares with other communities as well organizations that want to help with waste development around the world. This will be a good indication of whether their waste management system is appropriate for their population size and if they need to rethink how they are disposing of trash. The customer could also be statisticians who want to make inferences on global waste management trends as well as trends in more limited geographic areas. It could also be a tool for a general audience that just needs to be educated on the large volume of waste currently in existence.

### 1.3 Project Scope and Objectives

Define the scope of the project and the objectives (features) to be satisfied by this project.

The objective of our project is to not only show the current hotspots of waste around the world but to provide information that can lead to helping communities that need help. In our site you will be able to find current hotspots of waste and get an in-depth image of the amount that's in that area. You can also be given the current location of the hotspot and signup to participate in the removal of the trash if desired. The website will also provide information on the state of waste management systems for countries and cities around the world.

## 2 Project Resources

1. Google Doc.
2. [GitHub](#).

## 2.1 Group Members

1. Ronak Patel
2. Dennis White
3. Miki Solomon
4. Elvis Velasquez

## 2.2 Data

Identify data source

Describe the data

<https://drive.google.com/file/d/1r7DmXX2dHG2ihNxavy1Tj4BuF16uZGQD/view?usp=sharing>

<https://drive.google.com/file/d/1oJpvisJGn2GUcTaGO6ySYOVHlqhyKKWo/view?usp=sharing>

These datasets provide extensive information about the state of waste management around the world, composition of waste, and country and city information.

link source: [Trends in Solid Waste Management \(worldbank.org\)](https://data.worldbank.org/SDG11)

The link above gives a good big picture of global waste in general as well as graphs.

Source: [Waste Management Market | 2021 - 26 | Industry Share, Size, Growth - Mordor Intelligence](https://www.mordorintelligence.com/industry-reports/waste-management-market)

The link above shows growth in global waste as well as countries that cause the most global waste.