

Dumplt

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Overview

- 1 Problem Statement
- 2 Introduction
- 3 Idea For Improvement Waste Management
- 4 Technology Used
- 5 Result

Problem Statement

Problem

Management of waste in a efficient way across the country. Waste management and segregation is not only an environmentally pressing issue, it is an economic necessity as well. With the rapid generation of wastes we are fast running out of sites for landfills.



Figure: Waste Product is also important for life.

Idea For Improvement Waste Management

- *Dumplt* ushers the advent of a new era by bridging the gap between two revolutionary ideas in India, the "Digital India" initiative .
Dumplt is a step towards achieving the vision of the Swachh Bharat Abhiyan and to handle waste effectively which is to accomplish a "Clean and Healthy India" using technology.
- We at *Dumplt* provide an effective platform where users can request for garbage pickups to various service providers. It provides key features like raise a request to pick garbage, users will be made aware using app thus educating each individual we aim to achieve effective management of waste around us.

- Dumplt promotes cleanliness and sanitation through a mobile application which enables vigilant citizens to request garbage pickups handled by the various service providers. The effect would be holistic development of the surroundings. Effective waste management is need of today, Dumplt is the way to achieve it.

Work Flow

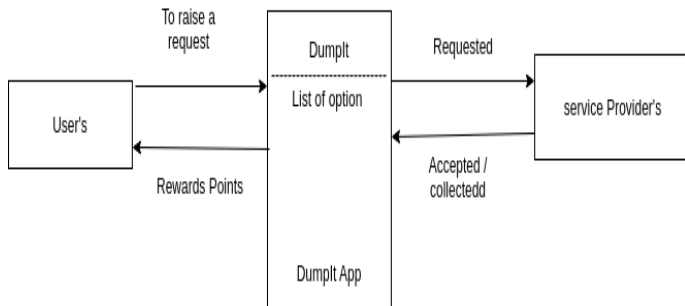


Figure: Work Flow of *Dumplt* Application

Technology Used

Back end

Php, mysql, AJAX, Java Scripts and jQuery

Front end

Android

Tools

Android Studio, Postman

- Don't throw the waste anywhere.
- Understand the importance of waste managements.
- Reduce the amount of waste in their house and any organization.

- Analyse the waste data collected from different user's.
- Add some reduction technique in *Dumplt* to reduce the production of wastes.
- App for various collectors

Thank You