



Korambayil Ahamed Haji Memorial
UNITY WOMEN'S COLLEGE

Govt. Aided & Affiliated to University of Calicut
Accredited by NAAC with CGPA 2.82 & B Grade

SYNOPSIS
of the project
Garbage Management System
[GMS]

Submitted By

Amjuna Thasneem T [UTAPSCS023]
Fathima Mishal M [UTAQSCS020]
Shana Shirin K [UTAQSCS015]
Drisya C [UTAQSCS026]

Submitted To

Shameema P.T
Assistant Professor

Prepared in the partial fulfillment of the requirements for the
award of B.Sc. Computer Science Degree of Calicut University.

PG DEPARTMENT OF COMPUTER SCIENCE
KAHM Unity Women's College, Manjeri
Affiliated To University Of Calicut

JULY 2018

Table of Contents

- 1 INTRODUCTION**
- 2 OBJECTIVES**
- 3 EXISTING SYSTEM**
- 4 PROPOSED SYSTEM**
- 5 MODULES OF PROJECT**

Introduction

Garbage Management system is a student project prepared by final year students in the partial fulfillment of the requirements for the award of B.Sc.Computer Science degree of Calicut University.

Garbage Management System or waste management system is the process of treating wastes and offers different methods for recycle, reuse and reduction [3R's of waste hierarchy]. It actually includes collection, transportation and disposal of garbage and other waste products. This project aims to promote the management of all types of wastes without manual work.

Objectives

The main purpose or aim of this system is to provide a healthy way for the users to giving waste material and receiving materials if it needs. This system can be useful for anyone who has an internet connection.

❖ Main Objectives are:

- To provide anytime service to the humanity.
- It is an innovative project implement for the management of waste materials by collecting, transporting and treating in a good manner.
- To convert 3R's of waste hierarchy into practical.
- To decrease waste material from houses, cities etc.
- To provide an awareness on the necessity of waste management.

Existing System

- One of the existing system uses garbage bins and inform the level of garbage collected in the waste . For this, they uses ultrasonic sensors placed in the bins.
- Another waste collection system is offline which is completely under control of government agencies.
- The main disadvantage of above existing system is it works under government. So the proper maintanance at all time couldn't possible. And awareness on waste management among public is very poor.

Proposed System

- The proposed system is completely an online waste management system. The public could get informations about the waste generated all around and would be aware of it.
- This system is helpful for the collection of wastes from houses and public spaces which is used for recycling or reusing in an environment friendly manner.
- New system provide a way for people or customers to giving waste materials and receiving it.
- Also includes awareness on waste management.
- And also provide an online survey based on waste management without manual work.

Modules of Project

There are 4 modules in this project.

1. Admin

Admin is responsible for managing enquiries and survey. After survey, individual survey report and consolidated statistical survey report will be provided which can only seen by admin.

2. Login

- **User Registration:**

Account creation with username and password.

- **Profile Management:**

A short profile of user will be collected with contact number and name of place.

3. Biodegradable waste management

- This module deals with biodegradable waste management by allowing persons or customers to giving waste materials or receiving if it needs.
- It includes food wastes which is generally used for organic farming.

4. Survey Module

- This module deals with an online survey for the users [not necessary for all users].
- Survey report and statistical report will be published after the survey.