**DEPARTMENT OF COMPUTER SCIENCE**

**SURANA COLLEGE**



A PROJECT REPORT ON

**WARM HEARTS**

WHICH IS BONAFIDE WORK OF

SANGEETHA S [19KXSB7085]

SHREYAS G BHARADWAJ [19KXSB7094]

Students of Bachelor of Computer Science submitted in partial fulfillment of the requirement of the award of

DEGREE IN B.C.A prescribed by BANGLORE UNIVERSITY 2022

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(PROJECT GUIDE) HOD (COMPUTER SCIENCE)

EXAMINAR: \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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DEGREE IN

BACHELOR OF COMPUTER APPLICATIONS

Under the guidance of

Mrs. RASHMI ESHWAR

(Asst. Prof)

DEPARTMENT OF COMPUTER SCIENCE

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**PROJECT SYNOPSIS**

**OVERVIEW:**

Warm Hearts is based on web-based application and it has been developed using ASP NET and C#. The objective of this project is to avoid wastage of food and providing it to the orphans who are in need.This website will also connect donors and receivers i.e, Orphanage. Donor can donate food, money, books and clothes to orphanage that they wish. Donor can also visit to the orphanage and give their feedback.

The web portal will have an online interface in the form of a online classes that will allow orphans to attend classes and to gain extra curriculum activities provided by the volunteers.

**PROBLEM STATEMENT:**

Food wastage and problem of hunger are two huge-crisis arising in today's world. Tons of food is thrown as waste every year. Additionally, one-third of the food consumed is stated as surplus.

Nearly 40 per cent of the food produced in India is wasted every year due to fragmented food systems and inefficient supply chains.

**Objective:**

The main objective of this project is to avoid wastage of food unnecessarily and providing it to the orphanage who are in need.

This may help orphanage to get sufficient needs. And also helps to get other activities to improve the skills of orphans rather than academics.

Donors get a clear description of every orphanage and they can donate to the particular orphanage that they wish to. They can donate food, money, books, clothes or they can directly visit to the orphanage and help them. Visitors can also write blog on orphanage and can give feedback.

**COMPONENTS:**

This project will be divided into following separate components:

The e-commerce website/portal

The donor, receiver, food details, course details, blogs, books and clothes database.

Reporting of the uploading food by donor and accepting the food by receiver

The data security system.

**MODULAR DESCRIPTION:**

These are the main modules of the project:

Donor Module:

-Donor module includes donating various categories namely food, money, books and clothes.

-Donor will add food details with expiry date for donation which will be received by the orphanage.

-Donor can give feedback on the orphanage.

-Donor can write blog on any orphanage they have visited.

Receiver Module:

-Receiver will receive the donations.

-Receiver will get a notification when food is uploaded by donor.

-Orphanage can receive many courses from volunteers to gain extra skills for children excluding academics.

-Orphanage can see the visitors feedback which helps to improve more.