VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI - 590018

A PROJECT REPORT ON

"FOOD WASTAGE REDUCTION SYSTEM"

Submitted in partial fulfillment for the award of Degree of,

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE & ENGINEERING

By

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CERTIFICATE

This is to certify that the project entitled **"FOOD WASTAGE REDUCTION SYSTEM"** has been successfully completed by

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The bonafide students of **DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**, **ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY** of the **VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI** during the year 2019–2020. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the Bachelor of Engineering Degree.

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ABSTRACT

The sharp increase in the amount of wastage in terms of food makes the need for charity in terms of donation. In the current scenario food is being wasted daily on a large basis in different restaurants, weddings, social functions, college canteens and many other social events. The proposed system presents, a new internet-based application that provides a platform for donating leftover food to all needy people/organizations. The system is shown to be an effective means of donating things to organizations, etc. over the internet. This system will create a common collaboration portal for hotels/restaurants and charities, charity can directly contact restaurants who have food remaining and report generation which will show how much food is donated by which restaurant and providing reward points for them .In this system Food Donor, Food receiver, Third party vendor, admin and premium user are the main modules where Food Donor can be any organization, institute or college who wants to donate food and create a new food donation request and Food receiver can be any charity firm seeking for food. Food item's will be categorised separately, where Donor can select the category of food which will be donated, which will be help for receiver to choose food item as receiver's taste, among different category of donated food before requesting for food. A new food donation request will be created on the portal and once the request is accepted, a notification is sent to Third party vendor which is responsible for moving food from food donor to food receiver. The premium users are the ones who donate food on a daily basis.