



DESIGN THINKING ON ZERO WASTE THE D² AN APPLICATION TO SAVE FOOD

D²-DON'T WASTE DONATE

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Abstract : Nowadays wastage of food increasing rapidly. one third of food produced is wasted everyday. due to this most of the people who can't afford good get affected and hungriness rises among people this cause more problems and wastage leads to create environmental issues and hungriness, to prevent this we can easily donate left over foods to hungry people through an mobile application. Most of the food produced in hotels and other places have been wasted mostly, so we can donate those leftover food to hungry peoples, homes and other orphanages. It will be more helpful to needy peoples and we can reduce food waste and make zero waste. Most of the people get affected by the food shortage everyday, We can help them by providing the necessary food source by the left over foods from hotel and production industries so we can easily avoid the food wastage and prevent the people from food shortage and lead a zero waste peaceful environment.

Keywords—food wastage, save food, donate ,application

I. INTRODUCTION

Application to reduce food wastage and increase the sale of donation of food. Smartphones are increasingly widespread, and apps are a simple and easy way to reach large portions of the global population. During the pandemic, the popularity of apps to solve food loss and waste has increased. Several countries also began to develop apps to facilitate the logistics, transport and e-commerce of perishable foods. our app is totally different it's like an open website anyone can post updated of food details.

Everyone can have a personal account or an organization account here. our app has two types of food ordering one is completely free left over foods and the other one is price reduced foods .we will have a contract with hotel that they can give us the leftover food freely or they can reduce a huge price drop in foods in this app .I have developed a basic version of our app where users can have a secure account login page everyone can get food and everyone can donate food from the main page .every member will be have a solo profile where they can gain points by donating and making promotions and giving information's so they can gain prizes and coupon with that points claimed.

The main idea is to reduce the food waste and I am going to collect the excessed foods or extra foods and leftovers from hotels and we going to deliver them to hungry people. This will not only reduce the food wastage but also improves the humanity and peace between peoples and also going to reduce the hunger of people. The main idea is to make the world and people healthy and develop peace in the world.

II. IDEATE

Most of the foods packed from the producer has to be travelled through many process like it has to go through more stages and days to reach consumers. Apps to maximise the sale or donation of food. Smartphones are increasingly widespread, and apps are a simple and easy way to reach large portions of the global population. During the pandemic, the popularity of apps to solve food loss and waste has increased. Several countries also began to develop apps to facilitate the logistics, transport and ecommerce of perishable foods. So we can easily track the foods from our app and we can order the leftover foods from the hotel. Like the other food ordering apps have prices to pay but our app will only show the free foods which has been left over from the hotels which we can easily order through app by just clicking it. More than this we have a profile where you can maintain your social profile like other applications and we can gain points, we can gain more coupons and prizes by donating foods you can create a self and company account here.



Figure 1: The app logo

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III. PROTOTYPE

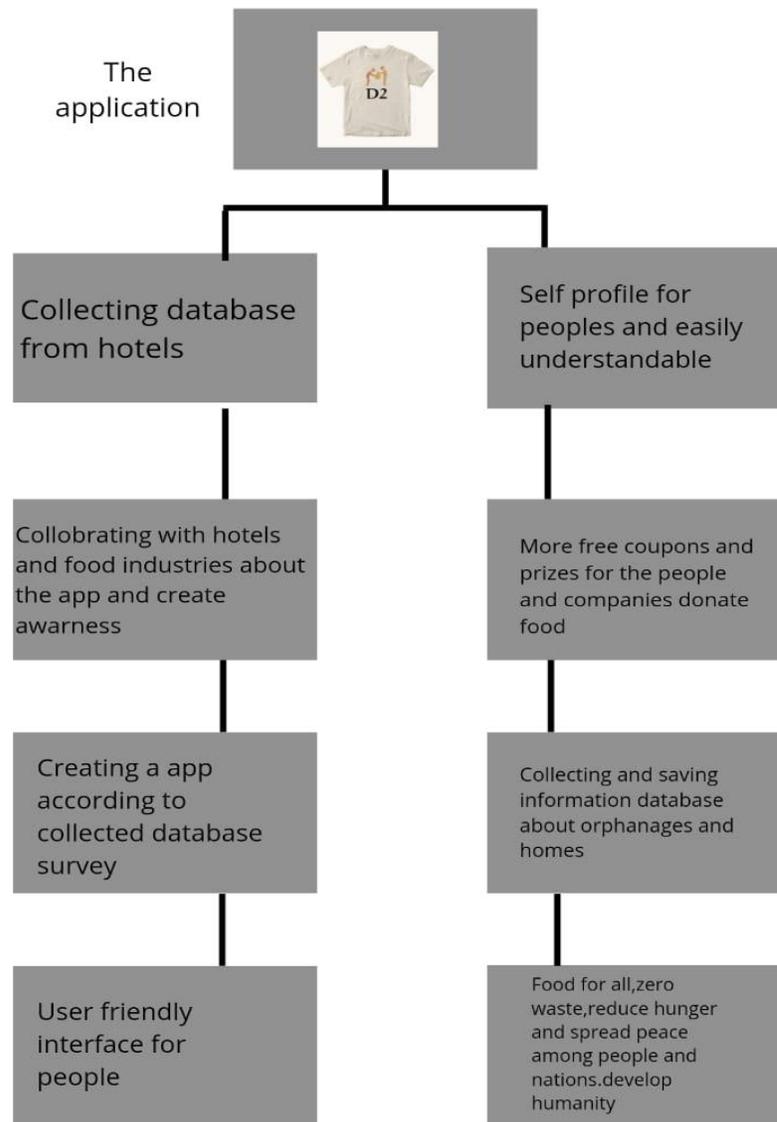
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We have created a testing app which is under processing. I have used several web application makers and created a basic trail version of my app. Trial version of my app has been successfully created and I have made a testing run of my app and it was working perfectly. Still more development has to be made in it, I will upgrade my app in future as a perfect solution for zero waste and reduce poverty and hunger.

IV. WORKFLOW CHART



Research Through Innovation

V.TESTING/OUTUT IMAGES

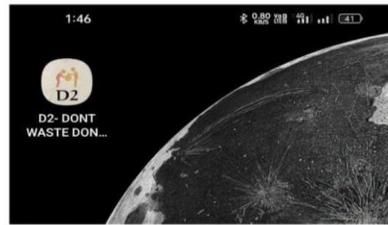


Figure 2:Output of testing

VI. REFERENCES

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“SAVE FOOD AND SPREAD HUMANITY”