SHARE YOUR FOOD-A FOOD DONATION APP FOR USER AND FOR SOCIETY

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Abstract:

Share Your Food-A food donation application which is developed on the purpose of "Increase the current volunteer Donations by creating some benefits for users by donating the food". That means as of now if we see there are lot more donation applications are there with the motto of decrease the waste food and to help the hunger. All current donation applications concentrate on this concept. So, there by here we came up with new ideology like giving some extra benefits for user when they donate food. So, there by the user gets benefited and the people in hunger get feed and NGO's motto also succeeds. So, here the main motto is creating the interest for user to donate food. So, by this application a lot of food which is wasted in parties, marriages, functions is get utilised for good purpose and the users competitively will come to donate the food.

1. INTRODUCTION

If we see in current scenarios there is a lot's of food is being wasted which is not used by anyone. The wastage area are like Marriages, Functions and Events etc. Because of not using this waste food properly lot of children are dying due to hunger and malnutrition. If we consider India itself per day 7.5 tonnes of food is being wasted. Which is neither distributed nor utilised for someone. Unnecessarily this complete food is being wasted. Indians waste as much food as the whole of United Kingdom consumes According to latest surveys India opted 95th rank in huger deaths. Whereas In India itself 7.5 tonnes per day if we take all over world means the waste food count is unimaginable

So, in order to reduce this waste food a lot of NGO's has been started. But still no body aware of these NGO's. Later on the technology grows so many food applications have been started. So, there by at least 20% of people from all over the world came voluntarily donating the food through that applications.

Therefore, Here we decided to develop an application in order to increase the donation percentage like from "20%->30%" at least by creating interest to the users by providing some "Food coins" which are used in claiming some gift vouchers there by using those vouchers they can shop in any other applications. This idea is mainly because of Now-a-days any user using any application they are expecting some benefits from that application. So, here by we are providing the benefits for user and also reducing the wastage of food and also helping the society.

2. LITERATURE SURVEY:

'Aahar - Food Donation App'[1], paper published in June-2021, is an android mobile application which provides a platform for donating the food through the Internet. And that in this application not only food the other things like clothes, books, utensils and so on is been donated. It contains 3 different modules i…e User Module, NGO module and Admin Module. User Module is used for users after successful login for users they are allowed to donate food by providing the details like – food type,location,cooking date and time, and donor's availability and then they submit the request and In NGO's module those particular Donation details will be highlighted and then the NGO's will collect that food by selecting the pickup time and date if they don't want food means they simply reject and logout. Other then food rest all items are packed as gift items and then they are donated. This application is developed using java and xml on Android Studio.

'Zero Hunger: Smart Food Donation System using IoT ' [3], paper published in May-2021 is an android mobile application which uses a latest technology where use of IOT devices for quality assurance of food. Here it contains two Modules One is User module and another is NGO module, Here the user on successful login they donate the food with details like food description, quantity and address and then post the donation. From NGO side the NGO's can view the donation details and then assign one particular volunteer to receive the food via map connection and volunteer will check the food using there IOT devices and confirms that food is good and distribute in slum areas.

'Food Donation Application: Food Share ' [6], paper published in May-2021 is an android mobile application which came up with a lateral ideology. That is in all other journals they all are focusing on different NGO's and for that NGO's the food is being donated. Whereas here the people in needy is directly registered whether an NGO or a needy person so when user want to donate food he can select for whom he want to donate so there by that particular organisation or particular user will receive the food.

3.   PROBLEM STATEMENT:

The current food donation app only serves as an interface that bridges gaps between only the people who are trying to donate and ngo organizations. No one focused on user side and user interest. So, by this proposed system can we increase the interest for users to donate food. And can generate benefit for user by donating the food and can we reduce the food wastage and can we decrease the hunger deaths and can we bring up a beautiful smile on children or hunger one's face?
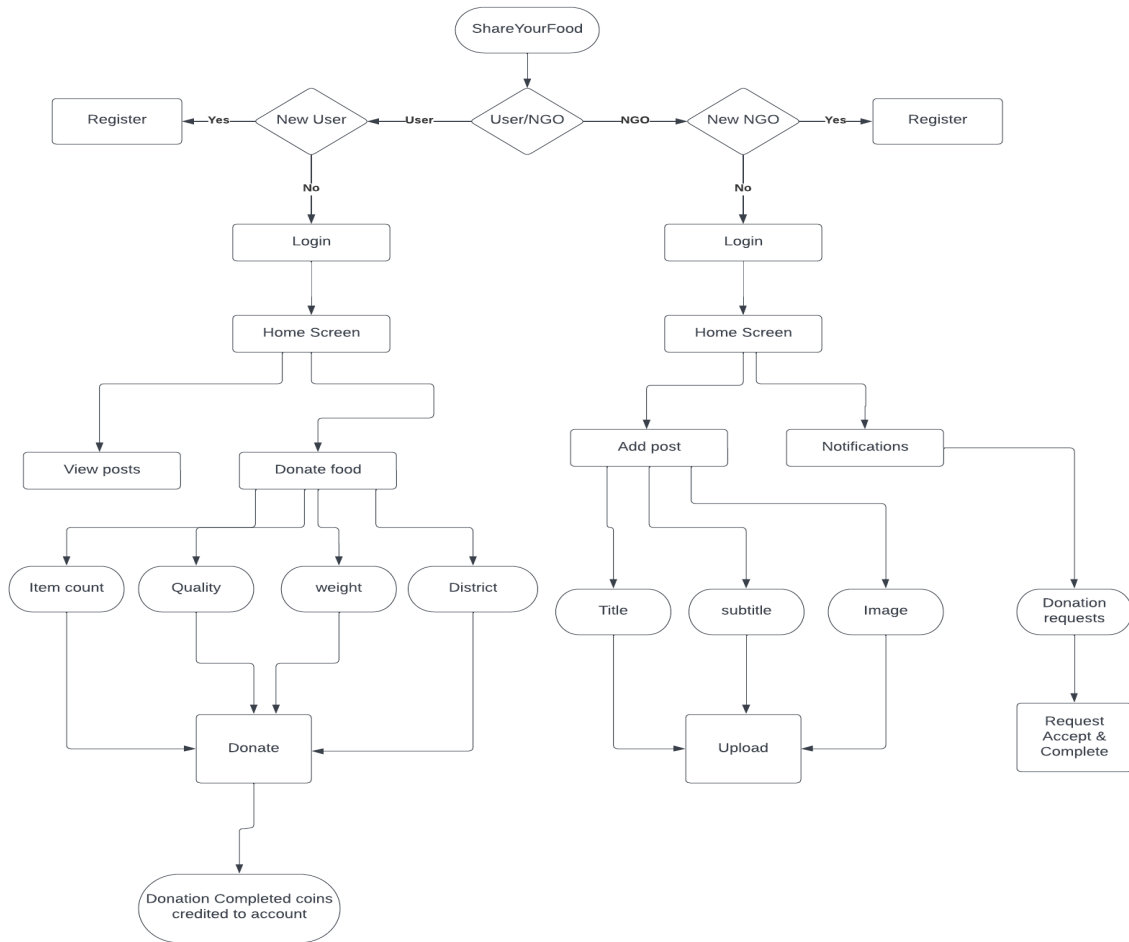
4.   EXISTING SYSTEM:

In the current system, the application has been developed in a way that it is only useful to only certain sector of people who are willing to donate and that minimal participation of people in donating food doesn't work in country like out India which has higher amounts of hunger deaths. The majority of people who don't have time or they don't care about it.so we have an application for funding. And all are focused on methodologies of finding the needy one in an efficient way and donating the food accordingly.
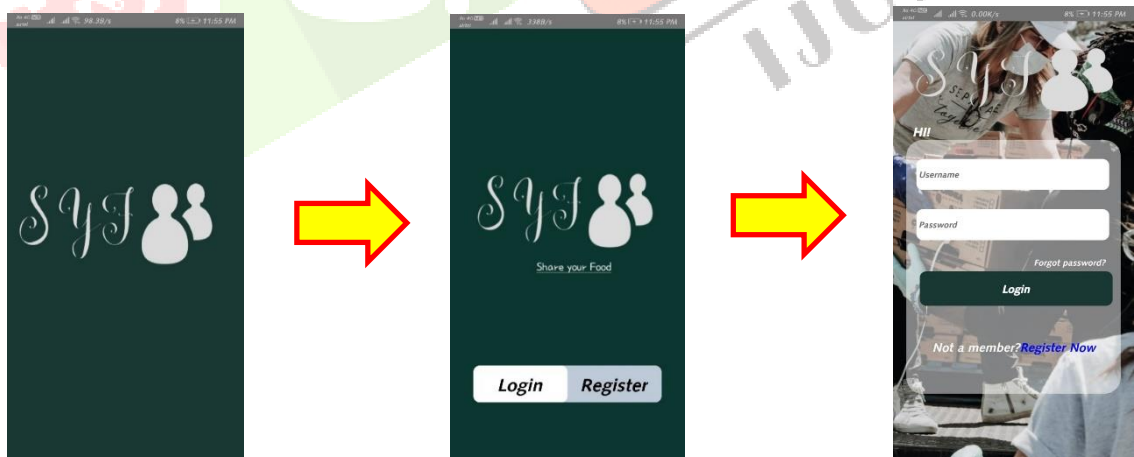
5.   PROPOSED SYSTEM:

The proposed system is an android application, developed on Android studio 4.1 using react-native and NodeJs and MongoDb for data storage and requires internet connection. This an application consists of two phases one is User Module and NGO Module. Where User first Register/Login on successful Register/Login the user is first provided with different NGO post that are being performed by NGO. The user is allowed to go through the feed and can understand how the food is being distributed and how NGO's donating food for needy. And there by user interest he/she can donate the food by entering the details like items-Count, quality, Weight(optional),district. After they can click on donate button after click the donate button that particular donation details is shared with all the registered NGO's with the details like name, phone number, items-Count, quality and district of user. There by any nearby NGO can accept that particular request and whenever any near by NGO accepts one's donation then remaining all other NGO's won't be able to accept it further.

On successful donation in user's account 50 food coins will be credited. When these food coins limit reaches to 500,1000,1500,..so on thereby user can claim the gift vouchers provided by the application. The claimed vouchers can be used on any othe platforms like Flipcart, Amazon, Swiggy, Zomato, Ajio etc.

In this application the user's get gift vouchers so there creates more interest for donation for the users and increase the number of donations and decrease the hunger deaths.
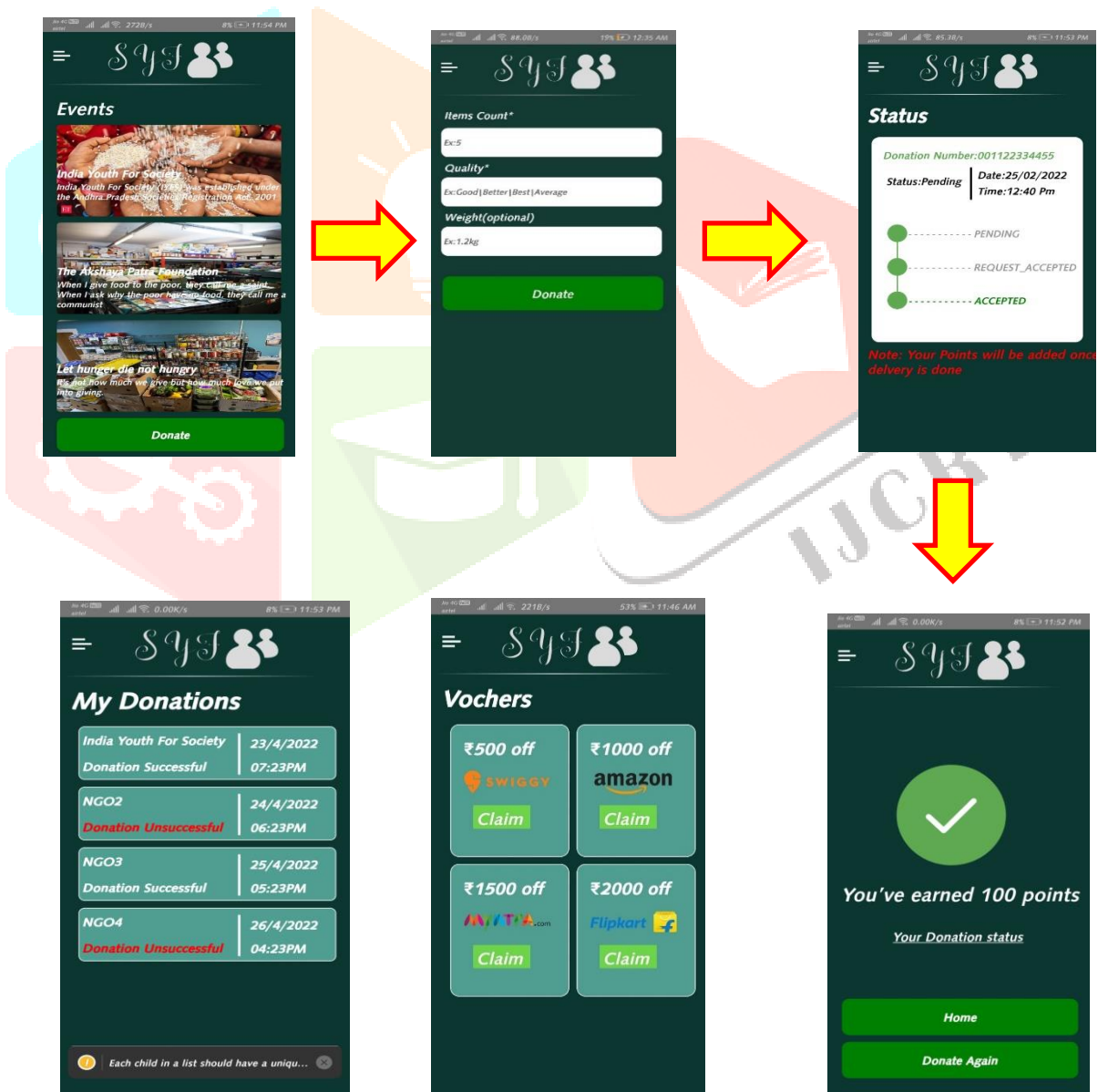
5.1 Flowchart:

6. IMPLEMENTATION:

6.1 Login Screens:

6.2 Register Screens:

6.3 User Screens:

6.4 NGO Screens:

7. CONCLUSION:

The proposed application would make majority of the people to get involved in donations and would eliminate wastage of food. And reduce the hunger deaths and fulfils the NGO's motto. And also creates a positive vibe for donors by donating food they feel happiness by getting coupons they can buy themselves in other stores. Atlast both the user and society gets benefited.

8. REFERENCES:

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