Idea title: UNIVERSAL CONTRIBUTION CHAIN 2.0

Idea description:

Through this App, we are minimizing the effort required by the user to donate the food to the needy leading to and more even distribution of food among the less fortunate people or safely decomposing the food in an ecofriendly way which will reduce a lot of problems like preventing infectious diseases, blocking of drainage pipes, pollution of land and water resources across the world and in some cases even preserve the biodiversity of a particular area, not to mention the greenhouse gases produced in the decomposition process like methane that is 25 times more effective in heat-trapping than CO_2 which can seriously damage the surrounding environment

Home Screen:

Here the user will be able to see two buttons labeled "Review" and "Addition" along with a slideshow of people contributing alongside any new updates regarding the app at the top.

On selecting the "Addition" button user will be prompted with an option to either open the camera or select an image from the gallery or select the different food items from the dropdown menu along with the quantity of the food, on adding the items the data will be visible in the "Review" section of the app.

On selecting the "Review" button user will see the name, quantity, date of "Addition", and expected expiry date of the item depending on the current session in a list view which is easy to understand and navigate by the users.

A fixed time before the estimated expiry date (2-3 days) for the items users will be sent a notification referencing the particular entry in their "Review" section, describing the name, quantity of the items, prompting them that the given item will be expiring soon and should be used soon, eliminating a major source of food wastage.

Contribute:

Here are all the options that the user will need to contribute toward the betterment of society.

It has 3 buttons, Recover, Recycle, Resolute each button will launch a particular activity

Recover: when the food is still in an eatable stage, like when you order food from a food delivery service so food made at home will not be used, users can add this kind of food article in the Recover section of the app.

Recycle: when the food is not in an eatable state and needs to be decomposed, like the leftover food article in your breakfast/lunch/dinner, users can add this kind of food article in the Recycle section of the app.

Resolute: this is the section of the app which is for quick and random contributions to the app like you are walking on a road and see that some food can be eighter recovered or recycled so users can add this kind of food article in the Resolute section of the app.

Upon "Addition"in any of the sections, the user is required to click a photo of the article, this photo along with the GPS coordinates of the User will be shared with the servers and ultimately our volunteers who will then collect the articles and drop them on our Drop Zones/recycling plants/NGOs/etc. for the most effective and efficient use or recycling of the articles.

Drop Zone:

It is similar to Contribute section of the app but here a map view will be opened, and different locations will be marked indicating the locations near you where you can drop the food articles.

It is most useful when you are traveling (e.g. by car) and have some recyclable or recoverable food articles, these can be easily dropped off at the nearest Drop Zone in your way.

Rewards:

This is the fun section of the app, where users will earn badges/logos/medals on different activities performed on the app, like making different recycle, recover, Resolute requests, adding food items, becoming a volunteer, attending to different volunteer calls, etc. these rewards can be shared on their social media accounts, encouraging both users and their social media followers to contribute to the app leading to an increase in the userbase and more use of the app resulting in the betterment of society and the environment.

Goals:

These are different Goals defined for a cause like for some festivals or for a particular area like a state or city in which users can join and contribute towards the completion of the goal and in turn earn exciting new badges.

This section along with the reward section will work as the motivation for the users to use the app along with increasing the publicity for the app.

Join Us:

In this section, users can choose to become a volunteer or revoke their volunteer status.

Login:

In this section, users can log in to their profile using their phone number and password.

Register:

In this section, people can register themselves as users of the app by entering their username, email, password, and phone number.

Logout:

In this section, users can log out from the app.

About Us:

In this section, users can read about our goals, our processes for management of the food articles, and app developers.

Contact:

In this section, users can access the contact details for any sort of assistance.

Feedback:

In this section, users can write us feedback on how we can improve and any other suggestions they might have for us.