

# **PALANHAR APP**

## **1. Introduction**

- In highly populated countries like India, food wastage is a disturbing issue. The streets, garbage bins and landfills have ample proof to prove it.
- Marriages, canteens, restaurants, social and family get-togethers and functions expel out so much food. Instead of wasting these things we can put them in use by donating them to various organizations such as orphanages, old age homes, etc.
- The product is an internet-based android application that basically aims at charity through donations.
- The proposed application shall reduce food wastage and also fulfill requirements of needy organizations and peoples.

## **2. Motivation for the project**

- Provide access to nutritious food for those in need.
- Give individuals the opportunity to give back to their community.
- Reduce food waste and promote sustainability.
- Help build a stronger, more connected community.
- Make it easier for people to donate their excess food.
- Make the process of donating food more efficient and hassle-free.

## **3. Technical/ Research Issues**

- User Experience: Focus on creating a smooth user experience for donors, recipients, and organizers. Evaluate how user-friendly the app is, how intuitive the design is, and how fast it can complete transactions.
- Security: Ensure that user data is securely stored and transactions are encrypted. Investigate ways to authenticate users and prevent fraudulent activity.
- Integration with Other Platforms: Explore ways to integrate the app with other platforms, such as social media, to allow users to easily share their donations.
- Scalability: Investigate ways to scale the app to accommodate a large number of users and transactions. Consider how the app will handle peak usage times.

## **4. Objectives**

- Benefits will be both the restaurant (reducing food wastage) and the needy.
- Keep track of wastage food for restaurant
- User can play role in saving food wastage and help the needy
- Receiver can donate food from nearby donor
- Food map will also be given to receiver for easiness.
- Location pins are also provided to both receiver and donor.
- History of food donated and received will be saved in your account.

## 5. References

- Food Donations: A Guide to Donor Resources (Feeding America). <https://www.feedingamerica.org/hunger-blog/food-donations-guide-donor-resources>
- Food Donation Connection (FDC). <https://fooddonationconnection.org/>
- How to start a food donation program (USDA). <https://www.usda.gov/media/blog/2019/09/06/how-start-food-donation-program>
- 10 Tips for Food Donations (Harvard Health Publishing). <https://www.health.harvard.edu/blog/10-tips-for-food-donations-2019022118807>
- How to Create a Food Donation App (MakeApp). <https://www.makeapp.io/how-to-create-a-food-donation-app/>