Food Cycle/Food distribution  
  
**Background description:**  
Food waste is a major problem. About 1.3 billion tons of food is wasted globally per year that is one-third of the food produced for human consumption. This destroys the ecological balance. Therefore it will be efficient if the wasted food is somehow distributed to the needy hungry people.  
  
**Problem Statement:**  
A lot of food is wasted daily by us. But there are people who are suffering due to lack of food. Many child and infants are suffering from malnutrition. Also many animals are suffering due to lack of food. Therefore it would be quite beneficial if we can develop a software where this problem will reduce.  
  
**Project Objective:**  
The main objective of this project is to efficiently distribute food to the needy people and animals. Food is wasted all over the world. If we can create a properly organized system to distribute the wasted food among the people who need it then the problem might be solved. There are a lot of organizations and NGOs  that are working to reduce this problem. It will be quite helpful for them if this system is working  
  
**Target user:**  
The target user is a group of people and organization who works for food distribution. Different type of NGOs and other organizations will be able to use this software efficiently.They should be hugely benefitted by this system since it will save a lot of their time, manpower and expense.  
  
**Software Functionality:**  
The wasted food will be stored in a booth and an organization will collect the food and distribute them too the needy people and animals.  
We will be developing a software in which there will be A “Food donor” and a “food distributer”. Both will have to register to create  a profile with their basic informations. On the donor side, there will be 2 types of food. One for humans and other is for animals.  
The quantity of food will be mentioned. If the booth has reached the certain amount of quantity, itll inform their workers to collect the food for distribution. The worker will be able to login to their profile see the order from the admin. The admin will contact the locality informer about where food is required. The locality informer can log in to their profile and inform the admin about the necessity of food in their respective locality. The food distribution will be of two types: one for humans and the other one is for animals.