**Project Proposal**

**CSEE 5590-0002 : Web/Mobile Programming**

# **FeedKC Web Application**

# **Team 3**

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### **Motivation:**

In Kansas City, MO, 16.4% of the population (77,315 out of 471,785 people) live below the poverty line. Using poverty rates as the origin of hunger, 1 in 6 people in the Kansas City area are at risk of hunger. Yet at the same time, in the US alone approximately 60 billion pounds of food is wasted annually. It is clear that food insecurity is not a food shortage issue, but a food distribution issue. To combat this food distribution issue, we are developing an app that bridges the gap between businesses with excess food and the people who need it most. Rather than throwing the food away, the app allows businesses to donate it to soup kitchens. Donors post their excess food and soup kitchens claim it. Volunteers from soup kitchens move the food from donors to recipients.

### **Significance:**

The significance of this application is that bridges the gap between businesses with excess food and the people who need it most. Instead of throwing an excess food of restaurants, they can post food items on this application with food expiry and same will be visible to requesters and they can request that food items as per their need.

### **Objectives:**

The main objective of this project is to design a system where donars (those who has excess food items) can donate their food items only by posting its description on system and then requester will request that as per their need and collect from given address.

### **System Features:**

**MainPage**: Welcome Page of this application where User can **Login** and **Register**.

**Donor**: On donor page, donor can add food items he wants to donate, delete added food items and he can see his history of food donation from starting

**Requester**: On requester page, when donor add his food items then that food item will be visible to all requesters. Requesters can request that food item then it won’t be visible on requesters as well as donors page. Also, requester can see his history from starting.

### **Technologies used:**

MEAN stack

Angular JS

HTML, CSS, Bootstrap

Node JS

Mongo DB

### **References:**

Hackathon Use Case - <https://umkc.app.box.com/s/gg46llw7gye4is7ujhohw00a2sody7mb>

<https://www.w3schools.com/>

[www.google.com](http://www.google.com)

<https://mongoosejs.com/docs/api.html>