Final Project INFO 5100

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Name

Food Bank food and daily supply distribution model re-engineer

Domain

Rescue food distribution across United States, focus on counties of MA

Description

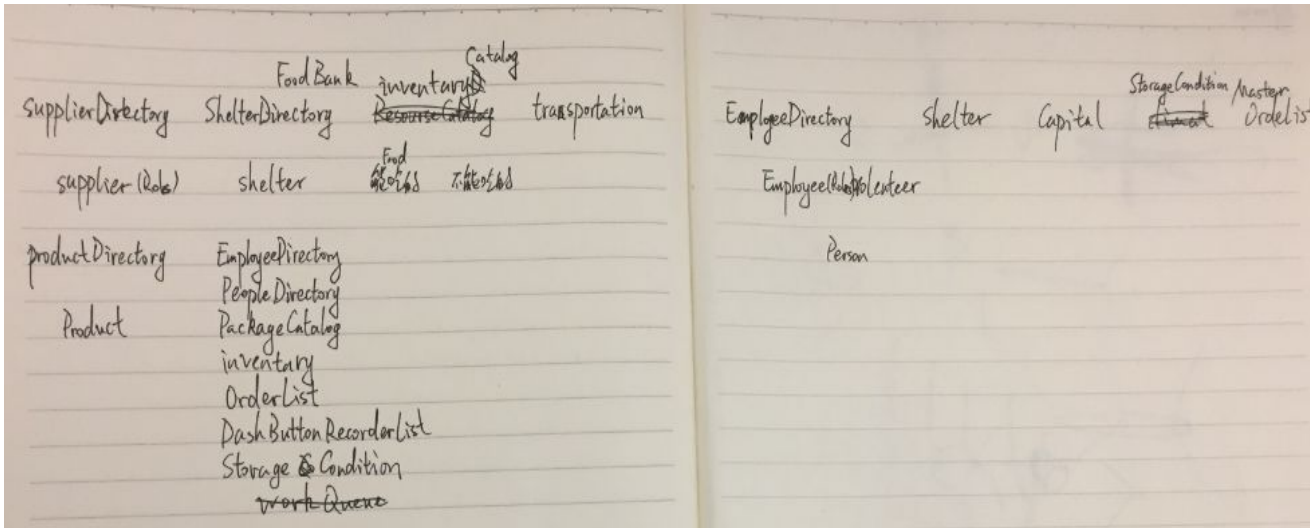
This project is aimed to re-engineer the current food bank system from push system to pull system with a centrism management team, so that resources can be shared and managed more efficiently across the nation. Our system uses dash-button to record demand for food every day, and distribute food daily based on the data collected. Our food bank also carries daily supplies which are to be distribute to public upon request.

Scope of the Project

Organizational and employee hierarchy
Food distribution across counties/cities/states
Food collection and sorting from various suppliers
Resource work queue quest from people in need to shelter/shelter to food bank
Resource warehousing management

Conclusion

The project will help the food bank to analyze what kind of population needs their service at most and also what categories of food (for example top 5) are mostly provided nationwide. From analyzing the food pattern provided by different suppliers, nutritionists in the food bank organization would help to develop more healthy diet and food package. It would rises public's attention to the importance of diet among hungers. More importantly, the system would improve the efficiency of food distribution in order to conserve food resources and environment. Also, in the project, we have some special suppliers like the community gardeners. The food bank system would encourage the involvement of multicultural citizens and create sustainable urban ecosystems.


Food Bank
Catalog
SupplierDirectory
ShelterDirectory
transportation
supplier (Rob)
shelter
productDirectory
EmployeeDirectory
PeopleDirectory
PackageCatalog
inventory
OrderList
DashButtonRecorderList
Storage & Condition
Product
EmployeeDirectory
shelter
Capital
StorageCondition
Person