

PROJECT PROPOSAL

Project Overview

There are organizations and volunteers around the world who are on a pursuit to serve underprivileged members of the society, in all possible ways. One of the most rudimentary and important entities of a human being is Food, Clothes and Shelter. Organizations like Food banks, kitchen soups, shelter homes, community churches etc. are striving to serve the needy at their best. But only few organizations can afford to have system to manage their activities. In this project we are trying to develop a system that allows different organizations to communicate and serve various communities in the best possible way.

Project Goals

- To develop a system that allows different organizations that will come together and serve a large underprivileged populace in most effective way.
- To provide smaller kitchen soups to have their own work area to maintain their essential data.
- To allow soup kitchens and the food banks to have an effective communication by leveraging workflows.
- To connect food pantries to a larger network of resources.
- To use data accumulated from the entire system to understand the trends.

Application Key Functionalities

Application will have the following functionalities are:

- The ability to add new networks i.e., in this case cities.
- The ability to add enterprises like Food Banks and Shelters associated with a city (network).
- The functionality to add in organizations likes pantries, logistics with a food bank.
- Work queues to send in work requests among food banks, pantries and other related entities.

Application Entities

Application Entities considered here are:

- State
- City
- Food Bank
- Shelters
- Food Pantries
- Agricultural Associations
- Volunteers
- Logistics

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Ecosystem Architecture

