Apps for Good

VeGETables

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Motivation

In 2010, 31% of the total food supply in the United States was lost at the retail and consumer level (USDA). This significant reduction occurs because supermarkets tend to dispose of produce if it fails to meet an aesthetic threshold, wasting food that could be redistributed to the 41 million hungry people in the United States (Feeding America). The goal of this project is to create an application which serves as a bridge between supermarkets and food pantries so that the former can donate their surplus food to the less fortunate.

Target Audience

The app will target grocery stores and food pantries. Grocery stores will donate their surplus food to food pantries, reducing food wastage. This act of kindness allows grocery stores to save money because throwing away food is costly and it also makes them eligible for possible tax deduction. Food pantries will be able to receive food based on their needs.
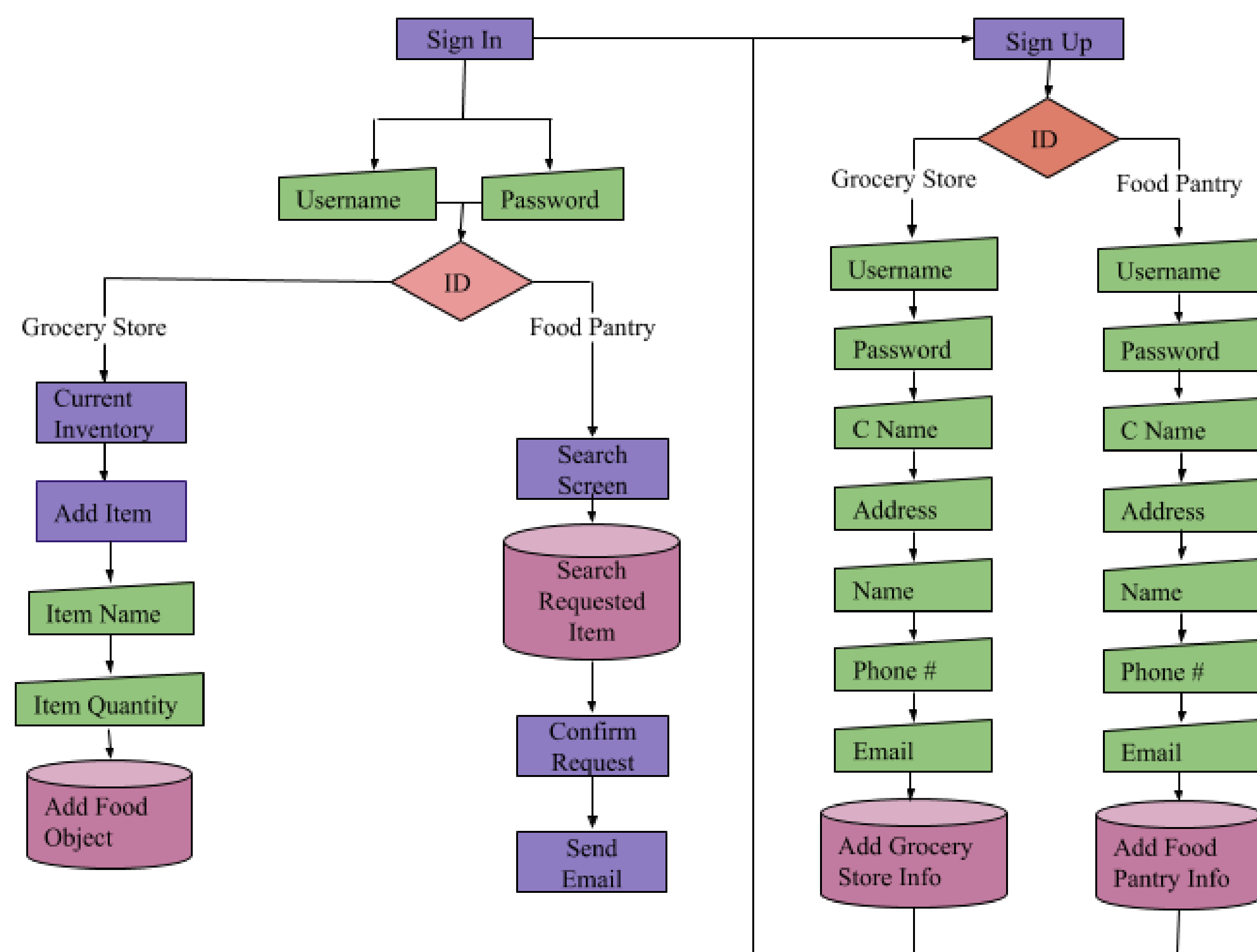
Minimum Viable Product

1. Grocery stores are able to input their produces into an itemized list.
2. Food pantries are able to search an inventory of all food items.
3. Food pantries are able to contact grocery stores.
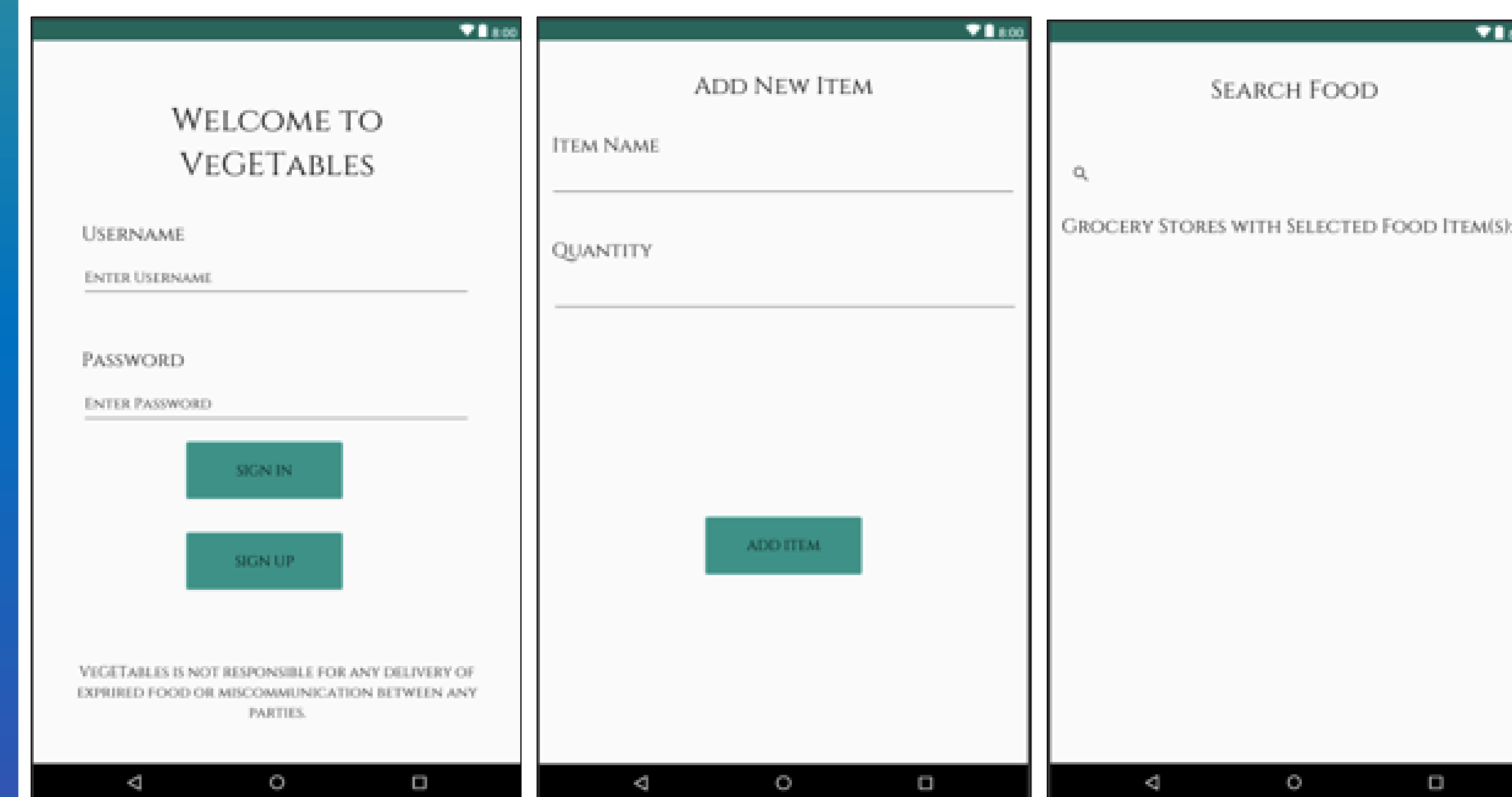
Competitors

1. **Food Cloud** acquires food from retail stores and redistributes them throughout the UK and Ireland.
2. **No Food Waste** collects food from donators and redistribute them to the hungry.
3. **Trader Joe's** donates their surplus food to charities.

Flowchart

User Interface

Tools

Android Studio

Firebase

Future Extensions

1. Include navigation bar for food pantry and grocery store pages.
2. Users can accept or reject orders through the app.
3. A list of previously ordered and pending items will be visible to food pantries.
4. A list of previously shipped items and current items will be visible to grocery stores.