

# OASIS

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# Description

The USDA runs a programs nationally that provides food to at risk children. The program that allows meals while school is not in session for the summer is SFSP.

OASIS is a mobile application that allows users to access a listing of the ten nearest SFSP meal sites to their current location.



# Features

- Users can access the information for the ten closest meal sites to their current location from anywhere in the United States
- Users will be notified of the most recent site database update
- User can choose to manually enter an address to search for sites



# Planning - User Stories

- Users are able to view the locations in map or list view
- Users are able to view the hours of operation and meal service parameters by selecting a location
- Users are able to request directions for the fastest route to desired location by walking, driving or public transportation



# Planning - DB and Models

Model classes / tables

- Authorized Meal Site
- Address
- Meals Served (e.g. "Breakfast", "AM Snack", "Lunch" "PM Snack", or "Dinner")
- Hours of operations



# Technology Stack

- Java
- XML
- Android Studio
- MySql



# Demo

## OASIS

Navigate The Food Desert

Current Location

Press the "USE CURRENT LOCATION" button to see the ten Summer Food Program (SFSP) sites closest to your current location.

Enter address

Press the "ENTER ADDRESS" button to enter the address to see the ten Summer Food program sites closest to that address

Address 1

Address 2

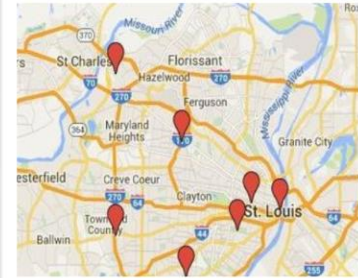
City

State

Zip

Search Address

## Meal Sites



1. The Freedom School .5m
2. Harambee 1.1m
3. Firm Foundation 1.4m
4. Workday 2.1m
5. Extreme Faith 2.2m
6. CFNA 2.3m
7. Heeman Park 2.7m
8. Blackburn Park 3.1m



# What's Next

- Add an option that allows users to search for food pantries
- Add a background image to the banner view
- Learn how to integrate Google Firebase for analytics and advertising

