Proposal

Meals On Wheels

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Submitted in partial fulfillment

Of the requirements of CSC-431

Software Engineering course project

01/31/2022

# Preface

This is a proposal for the “Meals on Wheels” project for partial fulfillment of the requirements of a Software Engineering course (CSC431) project in the department of Computer Science at the University of Miami.

This proposal provides the scope and context of the project to be undertaken. It details the intended user group and the value that the system will have to them.

The intended audience of this document is the course professor and teaching assistants so that they can determine whether the project should be approved as proposed, approved with modifications, or not approved.

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# Overview

## Purpose, Scope and Objectives

This project’s goal is to deliver a mobile app to find food trucks near your vicinity using GPS that also provides a menu, and the ability to place orders for pick-up. This product is for the foodie that quickly and efficiently want to locate various food trucks in the area. It will be a sleek user-friendly interface with reviews from other users, a calendar with your favorite food trucks schedule and listing of any food truck events. This app will serve everyone from students, people looking where to have lunch break at work, or people out in the evening with friends.

We will launch on iOS and eventually port it to Android and Windows. Devices will need GPS for its main functionality.

## Project description

For our users, we will allow them to use any social media credentials such as Facebook, Twitter, or Google but an option to create an account directly through us will be offered. Users can leave reviews and comment on others review if they found it helpful. Users can create a list of recommended food trucks in their profile so that others can learn if their taste in food matches theirs. Users will be able to review their menu that will be updated by either users or participating food truck vendor and place orders in advance with said vendors. We’ll accept payment with Apple Pay, Paypal, Gpay, but we will also provide the ability to put in credit card information with the option to safely store/encrypt it for later use. Most importantly, the key feature of the app would be to locate any food truck via GPS.

* Register user accounts via social media or creating new login
  + Set up favorites for notifications
  + List of recommendations on profile
  + Comment/Review capabilties
* Register food truck profiles
  + Upload menu capabilities
  + Categorize food type
  + Set up payment method
  + Review section for users
* GPS functionality
  + Locate food truck
  + Notify when favorite food truck is near by
  + Filter by food type