BazToGo

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[[1]](#footnote-2)*. Abstract*— *BazToGo is an online food ordering and delivery platform designed to aid in the overcrowding issues that are commonplace at Baz-Tech. Aiming to provide a convenient and easy-to-use service, BazToGo draws inspiration from similar food-delivery services. Like these services, BazToGo would allow users to either order ahead to skip the line or have their order delivered directly to them. BazToGo works alongside the companion app BazToYou, which provides the delivery aspect of the BazToGo platform.*

# INTRODUCTION

In response to the challenges posed by overcrowding at Baswell Techionery (Baz-Tech), we decided to create BazToGo—an advanced online food ordering and delivery platform. The driving force behind this project was a recognition of the urgent need for a fast and convenient solution to streamline the way people interact with Baz-Tech. This project aims to provide a solution to the overcrowding problem that happens after classes let out and people go to get something to eat. We chose to pursue this project because we felt that we could positively affect the community at Arkansas Tech University by creating more options for picking up food from Baz-Tech.

# Background/Related Work

BazToGo shares many similarities with popular food-ordering platforms, with DoorDash specifically being a major inspiration for BazToYou. DoorDash provides an easy-to-use service that is available to a large area; BazToGo aims to have a similar experience. BazToGo differs from these current services because the application is tied to on-campus integration. The goal of BazToGo is an integrated system within the campus itself, allowing students to take advantage of their meal plan’s benefits through the BazToGo application.

# Content

* BazToGo
  + The main cross platform mobile application designed to bring mobile ordering to Baz-Tech.
    - Optional Onetech Integration.
    - Stripe Payment Integration For Off-Campus Payment Methods.
    - Ability to order from multiple restaurants in one order.
* BazToGo (Web)
  + The web app is setup exactly like its mobile counterpart.
  + It will also have feature parity with its mobile counterpart.
* BazToYou
  + A companion mobile application to the main BazToGo application focused on delivery. This app is meant for the people that will be delivering the food, not ordering it.
    - Unlike the other applications, this app will require OneTech integration to ensure deliverers are on-campus and tracked.
    - Allows users to view destination, order, customer information.
    - Ability to pickup orders for all orders with a given destination.
* BazToYou/BazToGo Interaction
  + Recieving user info and order info.
  + Alerts to BazToGo from BazToYou for deliverers.

# Tasks/Timeline

* Continue to develop prototype
  + Finish development and basic functionality of BazToGo and BazToYou
  + Interaction between BazToGo and BazToYou
  + Payment system integration
* Communication with On-Campus/Baz-Tech Personnel
* Surveys targeted toward students to gauge demand
  + Needs to gather numbers for those willing to use the service as well as deliver with BazToYou
* Controlled test phases before launch

A screenshot of a calendar

Description automatically generated

# Risks/Concerns

* Handling of user data
  + OneTech Integration
  + Stripe Payment Method
  + Location data for delivery
* Known-unknowns:
  + How many students would actively participate in BazToYou
    - Too many delivery orders/Not enough people delivering.
      * Allow deliverers to take multiple orders that are going to the same place/building
    - Provide incentive for BazToYou deliverers
      * Possible rewards system for delivering food

# Personnel

Our team consist of three members: Braden Prather, Alexander McCutcheon, and Nathan Gilbert. Our responsibilities include:

Braden – Development and design of the BazToGo Web Application

Alexander – Overall Project Management / Development and design of the BazToYou companion app

Nathan – Development and design of the main BazToGo application.

References

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