Nonfunctional requirements:

-Site needs to be able to handle many people on it at the same time

-Keep track of number of each cone, toppings, and other stuff in stock (that gets put back to the page when the page refreshes each time)

App security:

-Have logins

-Save login information for sending email about marking stuff for customers company

-Put up firewall or something to protect costumer payment information

-Have good operational latency (i.e., when an order is placed, it shouldn’t take 30 seconds or more for the app to say it has made the order)

Business requirements

• Must be able to stock/keep track of toppings, ice cream, cones.

• Keep track of number of drones in customers area, assign customer closest available drone within a certain distance.

• Drones should be able to be added to the site by users with drones/have a drone leaser sign in page.

• Users, drone leasers, management should all have different sign in options with different interfaces to manage orders/deliveries/drones/stock/etc.

• Users should be able to see if something is in stock or out of stock, if something is out of stock we could possibly take it off the page as an option.

• User should be able to track the order via a map or a timer.

• If there are no drones available, then the drones can have a backlog of orders to fulfil and added time will show up on user end.

• The app/site should keep track of orders/who ordered what, where they live, timer for each order.

• Must have a payment button, management/drone leasers should get notification of payment received.

• Must have notifications for when order is almost there/when it is there/when it is being prepared/drone on their way.

User Reqirements:

There will be 3 different types of users (Customers, drone owners, and Managers)

Customers

• Select restaurant and type of ice cream to order

• Enter address for delivery

• Enter payment info

• Recieve notification when it gets delivered (if they stay on page)

• Fill out customer support form to give feedback to managers

Drone Owners

• Add or remove drones from their account to deliver

• Enable and disable drones for delivery

• Access payments

Managers

• Access feedback

• Access stats and order data