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| Project Vision Document | |
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**Revision History**

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| 1.0 | 10/02/2018 | Vlad Puscasu | Jerad Cho | Grammatical errors/re-wording |
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**Document Approval List**

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# Introduction

The Night Bite team is proud to provide you with our vision statement, scope and summary for the purpose of setting tangible deadlines on deliverables, task assignments, resource management, and overall vision statement for our app.

## Purpose

The purpose of our app is to provide students, and the general public with an affordable alternative for acquiring food, and to provide restaurants and other food distributors with the opportunity to sell off their end of day/leftover food, rather than throwing it out.

## Scope

Connect restaurants and grocers with customers in order to sell off their end of night food at a discount rate.

### In Scope

We will be developing a web app/mobile interface, for both merchant, and customer.

* The interface will allow customer to log in and check for nearby grocers/restaurants for discount food inventory(grocery, or prepared) -- using Google maps API for location service
* Restaurants and grocers are able to log in to their accounts and publish an inventory of discount food available, and for how long, and at what price

### Out of Scope

- A delivery service is out of scope at this point in time, but it is something we can implement later on

* Users and merchant devices (mobile, computer, tablets) are also out of scope

## Definitions, Acronyms, and Abbreviations

*Merchants* - Restaurants, or grocers; the businesses willing to be a part of our endeavour to battle food waste, and make a little extra cash while providing food for people in need of food

*Customer* - The person our app is connecting with affordable food providers - Merchants. The customer can use the location reference to find the nearest affordable food option for an easy pick up transaction (See more about potential customers in our user personas and user stories)

Discount Food - the food that would normally get tossed at the end of the night or close to the expiry date, that would otherwise be tossed, will now be available at a discount rate for customers

*Bulk pricing* - Restaurants will have the option of selling their food at an even higher discount should the customer pick up a larger quantity of food

*Dev Team* - Jerad, Vlad, Matt and Naimish is development team involved in planning, design, and development of the Night Bite app

## References

|  |  |  |
| --- | --- | --- |
| Reference File Name | Version | Description |
| Personas and User Stories | 1 | 2 page document providing 3 personas and user stories |
|  |  |  |

# Positioning

## Business Opportunity

* Provide an extra stream of revenue for Grocery stores and Restaurants, give them an opportunity to sell of their close to expired, and end of night food instead of throwing it in the trash

## Problem Statement

|  |  |
| --- | --- |
| The Problem of | Food being wasted by restaurants/eateries |
| affects | The restaurant owners |
| the impact of which is | A waste of food is strictly just a waste of time making it and the resources that are put into making it to be thrown out at the end of each day. |
| a successful solution would be | The restaurants just need to advertise themselves on the Foodie$ app, attract customers, and then sell, first-come-first-serve, food that would otherwise be wasted. So more money for the restaurants, less food waste, and feeds more people at a cheaper price. |

**Table 1 Problem Statement**

## Product Position Statement

|  |  |
| --- | --- |
| For | College students, adults |
| Who | People working late, people with tight budgets or not a lot of time on their hands, people in need of a quick meal |
| The <product name> | Food |
| That | Food can be sold at discount rates because it would be thrown out anyways. |
| Unlike | N/A |
| Our product | First gen. |

**Table 2 Product Position Statement**

# Stakeholder and User Descriptions

* User needs assurance food is safe (rating system, and payment on arrival is key to this)
* Grocery stores, and especially Restaurants need a smooth transaction path, to make the system worth the time

## Stakeholder Summary

|  |  |  |
| --- | --- | --- |
| Stakeholder Name | Represents | Role |
| Restaurants | Restaurants represent the main source of product. | They sell their product on our app. |
| Customer(end user) | The main user of the product. | Will determine the success or failure of the app by purchasing product. |
| Grocery Stores | Providers of food | Sell product through our app |

**Table 3 Stakeholder Summary**

## User Summary

|  |  |  |  |
| --- | --- | --- | --- |
| User Name | Description | Responsibilities | Stakeholder |
| System Admin/Dev team | Team of customer support and developers | Provides support, ongoing debugging and updates to improve quality of experience for Customers and Merchants | Main stakeholders |
| Customer | The main user of the system who buy the products advertised. | The customer requires the system be designed with ease of use in mind. The customers is responsible to make payments and make sure the quality of food is rated properly | The customer is directly represented. |
| Merchant | Grocers/Restaurants provide the food | The merchant is responsible to make sure the quality of food provided is safe and as described | The merchant is represented by themselves, they set up their seller account, with our help if needed. |

**Table 4 User Summary**

# Stakeholder Requirements

|  |  |  |
| --- | --- | --- |
| ID | Requirement | Stakeholder |
| App marketing | Capital, experience, and vision from founders/dev team | business/marketing team |
| Dev team | Tech, servers, and time | Founders, system admin, dev team (same thing) |
| Merchants | Ease of use, secure and time worthy | Restaurants and Grocers |

**Table 5 Stakeholder Requirements**

# System Features

|  |  |  |
| --- | --- | --- |
| ID | Feature | Stakeholder Requirement ID |
| Geo location | all customers are able to use maps and search for affordable food in their radius - to make up quick and easy for customers and merchants | Dev team |
| Rating System | Allow users to properly rate the quality of the food provided by the merchants - rating system is key to the app due to the nature of the near expiry products | Customers |
| Food search | System divided into two groups, Grocers, and Restaurants, but cross system search is possible ex prepared food, raw food, fruits, veggies, meat, vegetarian, vegan etc | Customers |

**Table 6 System Features**

# Assumptions

* The design of the app will be easy and enjoyable to use for both merchant and customer
* Rating system will be honest and useful in determining safe consumption of food for customers and safe for merchants
* Product pick up and payment will be quick and seamless with the help of our app
* Merchants will jump at the opportunity to make money on food they would otherwise discard
* There is a high demand for affordable food for customers

# Constraints

* Getting merchants to tweak their daily habits to incorporate the selling off of food they’d normally toss out or give away for nothing, getting them to buy in
* Getting customers to buy into buying close to expired food
* Maintaining quality control of product (food)
* the initial data/server constraints with the amount of initial Merchants needed to get a proper buzz
* Funding for marketing/business team (Dev team is willing to work for free, but we are not marketing/business specialist)