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| Breadmin |
| Project Vision Document | |
| **Version 0.02** | |
| 9/30/2017 | |

**Revision History**

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| Revision | Date | Author | Reviewed By | Summary of Changes |
| 0.2 | 2017-10-04 | Nooran El-Sherif |  | Added company name, Stakeholder name, User information |
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**Document Approval List**

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# Introduction

This document identifies the scope of this project, the problem we are solving, and the stakeholder’s requirements for the system. Additionally, it defines the role of the stakeholders and the users of the system.

## Purpose

The purpose of this document is to outline the requirements given by the stakeholder. It serves to define the needs of Forno Cultura. It will specify the features the application will have in order to fulfill the needs of Forno Cultura.

## Scope

The following are the assumptions that have been made in relation to scope of the project.

### In Scope

The following items are in scope for this version of the project:  
1. Order Functionality  
2. Management Functionality  
2.A. Analytics on orders and products  
3. Production Functionality

### Out of Scope

The following items are out of scope for this version of the project:  
1. Inventory management  
2. Coordination with other bakery locations

## Definitions, Acronyms, and Abbreviations

|  |  |
| --- | --- |
| Term | Definition |
| OOS | Out of Scope |
|  |  |

## References

| Reference File Name | Version | Description |
| --- | --- | --- |
|  |  |  |
|  |  |  |

# Positioning

## Business Opportunity

Customers at Forno Cultura place orders for many different goods. Many of the products have differing, multiple stages of development. Breadmin can offer the service of automated scheduling of production.

## Problem Statement

The differing production times for baked goods affects the management as well as the production teams, as they spend considerable time managing and scheduling the production times correctly. A successful solution would allow management and production to coordinate and initiate production at correct times. It would reduce the number of errors that occur from doing the same task manually.

|  |  |
| --- | --- |
| The Problem of | Scheduling production times |
| affects | Bakery Management, Production Teams |
| the impact of which is | Less efficiency, more errors made, lost time |
| a successful solution would be | More efficient, with less room for errors, allowing for more time for managers and team leaders to work on their tasks for the day. |

Table 1 Problem Statement

## Product Position Statement

The intent of the application is to remove the burden of scheduling from bakery management and production staff. Breadmin is an administrative tool that will handle the ordering and scheduling of production. Unlike the previous manual system of using paper “chits”, our product will have a verifiable log of changes to orders and will provide analytics on bakery orders.

|  |  |
| --- | --- |
| For | Bakery Management and Production Staff |
| Who | Spend time manually scheduling and planning production of baked goods |
| Breadmin | Is a production scheduling, order, and management system |
| That | Reduce the amount of time needed for planning production times |
| Unlike | Manual entry of orders |
| Our product | Will log changes to orders, provide analytics on bakery orders, and will reduce the number of errors. |

Table 2 Product Position Statement

# Stakeholder and User Descriptions

## Stakeholder Summary

| Stakeholder Name | Represents | Role |
| --- | --- | --- |
| Jan Streekstra Lead Baker at Forno Cultura | This is the main stakeholder of our project. | Will provide feedback on prototypes developed throughout the lifecycle of this application.  Will provide business requirements and use cases.  Will provide equipment and recipe information that will be used in creating the classes for the system. |
|  |  |  |
|  |  |  |

Table 3 Stakeholder Summary

## User Summary

| User Name | Description | Responsibilities | Stakeholder |
| --- | --- | --- | --- |
| [Reception] | Will input orders to the system | None. | Jan Streekstra |
| [Manager] | Will make changes to orders, access analytics, print production schedules | Feedback on prototypes  Provide requirements and use cases  Provide equipment and recipe information | Jan Streekstra |

Table 4 User Summary

# Stakeholder Requirements

| ID | Requirement | Stakeholder |
| --- | --- | --- |
| HLR01 | The system must secure exact orders | Jan Streekstra |
| HLR02 | The products must be delivered in a timely fashion | Jan Streekstra |
| HLR03 | The manager should be able to perform analytics | Jan Streekstra |
| HLR04 | There should be opportunity for collaboration between all members of the ordering process | Jan Streekstra |

Table 5 Stakeholder Requirements

# System Features

< List and briefly describe the system features. Features are the high-level capabilities of the system that are necessary to deliver benefits to the users. Avoid design. Keep feature descriptions at a general level. Focus on capabilities needed and why (not how) they should be implemented >

| ID | Feature | Stakeholder Requirement ID |
| --- | --- | --- |
| F1 | Order Functionality | HLR01, HLR04 |
| F2 | Production Functionality | HLR02 |
| F3 | Management Functionality | HLR03 |

Table 6 System Features

# Assumptions

<List all assumptions made about any of the content provided in this document. Assumptions should be applicable to the scope, desired solution, requirements, business process, and stakeholders >

# Constraints

There must be a way to access the information in the system offline.