

SMART SHOP

Project Abstract

Version 1.0



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Table of Contents

1.0	Purpose of this document	4
2.0	Business Case	4
3.0	Technologies Recommended	4
4.0	Hardware and Software Requirements	4
5.0	Terms and Conditions	4
6.0	References	5
7.0	Change Log	5

1.0 Purpose of this document

This document provides an overview about the business need and the solution that can be provided to fulfil the objective.

2.0 Business Case

According to National Retail Federation (NRF), brick and mortar business, like supermarkets, have plethora of solutions, technologies and platforms that retailers can utilize to create a difference. Fulfilling expectations and satisfaction of consumers is the primary step to successful growth. Yet some problems, considered least but, faced by customers affects the in-store experience in supermarkets. Frustration of wandering up and down supermarket aisles struggling to find particular product. During huge crowds, required assistance is not provided to the customer on helping to find a product.

The application "SmartShop" addresses the problems of the consumer and enhances their shopping experience by assisting the customer to know the location of the products in store and also allows the admin to manage the stock efficiently.

3.0 Technologies Recommended

Front End	.NET (HTML5, CSS3)
Middleware	.NET (ASP.net MVC, WEB API2)
Backend	Oracle/SQL Server

4.0 Hardware and Software Requirements

Technology	Hardware	Software
.Net	Desktop PC with 8GB RAM	1. Visual Studio 2015 2. SQL server 2014 3. Visual Studio Code

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6.0 References

7.0 Change Log