**Loyalty Manage System**

Vision

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| --- | --- |
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| Author | Hung Pham |
| Review By | Dat Tran |
| Approved By |  |

**Revision History**

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| Date | Version | Description | Author |
| 01/22/2010 | 1.0 | Initial draft | Hung Pham |
|  |  |  |  |

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# Introduction

## Purpose

The purpose of this document is to collect,analyze and define high-level user needs and product feature.Focus on Capabilities needed by the target user and why these need exist. Record details of how the application fullfills these needs in the usercase specification.

## Scope

ABC Bookstore needs to manage loyalty customer by new Loyalty Manage System.

## Refererences

CRM\_LMS ActualState And Solution Document.

# Positioning

## Problem statement

Loyalty Manage System is a new system. Therefor no problem statement.But if you want to know actual state of project. Please references CRM\_LMS ActualState And Solution.

## Product Position Statement

|  |  |
| --- | --- |
| For | ABC BookStore |
| Who | Need a high performance tool to manage loyalty customer. |
| The product | Is a new Loyalty Manage System |
| Our product | Provides barely enough functionality,easy to use and extendsible. |

# Stackholder and User Description

## StackHolder Profiles

|  |  |  |
| --- | --- | --- |
| Name | Role | Responability |
| Dat Tran | Project Manager | -Closely manage project process and team  -Compose State Of Work and Project Plan  -Join to review all of document. |
| Hung Pham | Technical Lead | -Develop a software achitechure.  -Be responsible for difficult technical issue.  -Join to implement  -Join to review all of document. |
| Khuyen Nguyen | Business Analyst | -Be responsible for project requirement.  -Design Database for LMS  -Join to implement |

## User Profiles

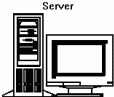
|  |  |
| --- | --- |
| Name | Description |
| Saler | To strike the card with EDC equipment to do bussiness.  Each saler should have basic knowledge and skill of using EDC system. |
| Phoner | To scan bar code to do bussiness.  Phone can connect to GPRS. |

## User Enviroment

|  |  |
| --- | --- |
| Name | Description |
| Saler | Saler will access from EDC equipment in the LAN network. |
| Phoner | Phoner will access from their phone in the World Wide Web network or connect to GPRS. |

# Product Overview

## Product Perspective





LMS database

LMS System

EDCC

EDCC

EDCC



Merchant

Cell Phone

## Summary and Capability

|  |  |
| --- | --- |
| User Benefit | Supporting Feature |
| Customer conviniently to become loyalt customer. | The new system provide all feature relating to manage loyalty customer. |
| Bookstore saves cost. | Labour-saving to manage loyalty customer. |

## Assumption and Dependencies

All product feature proposed in this document are base on requirement. If requirement get changed the feature list need to be revised.

# Product Features

The Loyalty Manage System will support the following capabilities:

* Add point
* Subtract point
* Exchange point to get present.
* Report.

# Other Product Requirement

## System Requirement

### Server Side

#### Server hardware

|  |  |
| --- | --- |
| Mimimum | Recommended |
| Server machine with:  -1Ghz or above pentium processor.  -1GB Random Access Memory (RAM)  -Two 6GB SCSI harddisc storage.  -32 bit netword card  -12/24 GB tape back up drive  -CD-ROM drive (8x minimum) | Server machine with:  -Lasted available Pentium Processor with Symetric Muti-Processor(SMP) compiant (Allowing at least two processor)  - 2GB  3-5 hard drives in RAD-5 configuration and 1-2 additional harddrives( mirrored for transaction log)  -CD/DVD R/W drive(8x minimum) |

#### Server software

|  |  |
| --- | --- |
| Mimnimum | Recommended |
| -Windows 2003 with lasted available Microsoft Service Pack | -Windows 2003 with lasted available Microsoft Service Pack. |
| -Microsoft SQL Server 2005 | -Microsoft SQL Server 2008 |
| -Direct ADSL modem access | -High – speed secure Internet access. |

### Client Side

Fill here later.

## Performance Requirement

Response speed from the system to end users is in seconds per request.It should not obvious to the users that system is retrive data from servers such as blank, flashing screen.

# Contraints

The product must be release within 4 month from now.

# Documentation Requirement

## Document for Internal Distribution

* Usercase
* Usercase specification

## Document for General Release

* Install package
* User guide.
* Source code
* Release Notes.