Software Requirements Specification

Version 1.0

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Money LEnding Management System

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# 1.0. Introduction

## 1.1. Purpose

The aim of this document is to specify complete description and Understanding of money lending management system. It will explain the interface of system ,features of system, request and response of system, constraint under which it Operate and how the system will react to different users.This document is intended for both the stackholders and The developer of system.

## 1.2. Scope of Project

This software system will be a money lending management system

for Money Lenders who are doing business on individual or

large scale through multiple branches in multiple cities. This system

is designed to maximize money lenders productivity by efficient

management of customer in digital way which reduce time and efforts.Which would otherwise have to record manually on hardcopy.by maximizing Money lender work efficiency and productivity system will meet money-Lender needs while remaining easy to understand and use.

Mainly system covers stock management for items taken as Mortgage and print formatted GST based Invoice. software system is Mainly designed for users interface. system manages customer record For each account transection and prepare date wise report for customer Trasection. for managing of customer and mortgage items info system Also contain relational database.

## 1.3 Intended Audience and Reading Suggestions

This document is to be read by the development team, the project managers, marketing staff, testers and documentation writers. Our stakeholders, company manufacturing associated hardware, company providing embedded operating system, shareholders and distributors who markets the finished product, may review the document to learn about the project and to understand the requirements. The SRS has been organized approximately in order of increasing specificity. The developers and project managers need to become intimately familiar with the SRS.

**1.4 Glossary:**

|  |  |
| --- | --- |
| User | Money lender who use  Software for their bussiness |
| Customer | People who buys items from us and take a loan on their assets or valuables |
| Admin | Who manages whole system in digital form. |
| Intended audience | Money Lenders who wants to make their business robust and automated. |

## 1.5 References

*IEEE Standards 830-1998 IEEE Recommended Practice for Software Requirements Specifications.* IEEE Computer Society, 1998.Contact Money lenders for Informationabout Real Time Requirements.

# 2.0. Overall Description

## 2.1 Product Perspective

Product is web based system implementing client-server model.

Money lending management system provide ease of customer management in digital way by reducing user’s efforts and time. This product is come with better idea of fulfill money

Lenders requirements unlike other vendors in money lending Proffessions for example Manabh website-: .

//diagram//

## 2.2 Product Functions

Money Lending Management system contain following key functions.

* provides secure login features for authenticated users.
* Description:

System provide e-registration form on website. people in money lending profession who are interested to use Software should fill e-registration form which contain to fill genral information

Form users. After submition of registration form by user it is verify by admin. after cross verification user is able to login or authenticated by provided username and password in registration form.

* System mainly contain two functionality on first user interface:

1)Add new customer

2)search old customer

* Description:

Add new customer enable user to add new customer with its mortgage items.

Search customer is used to search and view customer account trasection in properly Formatted manner.

* User can add new customer.
* Description:

After initiated on adding new customer system provide customer form which includes

Customer full name, address , city, mobile no, email id , etc. about customer which is helpful In unique identification of customer. After filling all detail user can add customer.

* User can add mortgage items taken from customer .
* Description:

After adding customer information user is able to add items of customer which are taken as mortgage to mortgage item list in customer record. on this page user can input

Final weight and final amount (which is given to customer on mortgage).

#for detailed description of refer 5.

* Reference Number is generated for mortgage items of customer.
* Description:

After adding detail of mortgage items system generate reference Number for unique identification of each customer mortgage items. After generating reference number it link to customer mortgage items inside database. after this

User is now able to confirm customer details to their mortgage items.

* User can verify detail of customer to their mortgage items.
* Description:

After confirm customer account system preview all detail of customer with their mortgage items which is helpful in cross-verification by customer. if any detail is

Not proper then user can edit it before submission.

* User can search and view past record of customer.
* Description:

User can search to view past account transection of customer on bases of name ,city or reference number of mortgage items. Each account transection are shown in date wise

Report manner so user understand easily.

* User can close customer account if payment is done.
* Description:

After view of trasection record of customer account system estimate how much amount

To be paid by customer with interest rate based on time passes from day on which items taken as mortgage to mortgage item return back to customer. if customer paid that much amount then user can close customer account.

**2.3 User Classes and Characteristics**

**Money Lenders:**

Money Lending Management System is powerful, yet easy software to use so, all Money Lenders are easily deal with this Software. They ~~just~~ only basic knowledge about the computer .They are able to use it efficiently.

**Open source software developers and contributors:**

**− Software Developers:** People with very good knowledge of programming language project, in order to understand and be able to extend project’s source code.

**− Translators:** People of all age groups with very good knowledge of a language not included in the current translation list.

**2.4 Operating Environment:**

Money Lending Management System should run on GUI based Operating

System like Windows 2000, Windows Vista, Windows 7/8/8.1/10, Linux Based System and Mac also.

## 3 System Features

* Use case: System provides Secure Login for authenticated users.
* Brief Description : user can login in system after registration of user verify by admin.
* Precondition: Before this use case can be initiated, the user(money lender) has already accessed the online Money Lending Management System.

1. System Provides eRegistration form for Money Lenders who are intrested to use our MoneyLending Managment System as website(platform).
2. Registration form contain field to take genaral information of user like fullname , address , city ,contact number , email\_id and custom username and password .
3. System enable user to login after verification of register imformation by admin with user.
4. System Authenticate user by username and password(seprately taken in e-registration form)after cross verification by admin.

* Use case: System manages users
* Description :
  1. System store record of each authenticated user based on registered information.
  2. System provide seprate (database) connection to each user.
* Use case: System Add New Account on basis of items taken as mortgage with its customer information .
* Brief Description :user can add new customer account for mortgage(on home page) .
* Precondition: After login to system user interface provide component to add new customer.

1. System provide Customer form to add customer information.
2. Customer form field include customer's fullname,address,city,mobile number,email id, aadhar number etc to unique identification of customer.
3. System is avilable only for people of specific city and nearer villages.
4. System provide reset facility to reset all added customer details.
5. System Add information of customer in database.

* Use case: System Provide interface to add mortgage items from customer to customer added account.
* Brief Description :user can add mortgage items for added customer.
* Precondition :System must need to have added customer before this.

1. System can accept only gold, silver or platinum metal jewelry to taken as mortgage.
2. System provide selection category for gold or silver or platinum for corosponding ornaments.
3. System Display different jewelry items(ornaments) based on selection category(gold or silver or platinum).
4. System enables user to add and removes multiple items of mortgage to customer account.
5. System provide final weight field to enter final weight of mortgage items of customer.
6. System Provide final amount field that indicate money given to customer per mortgage items.

* Use case: System manages items of customer taken as mortgage.
* Brief Description :system generate reference number for mortgage items of customer.
* Precondition :System must finalize weight and final amount given to customer.

1. System generate unique 4 digit reference number for mortgage items of customer account.
2. System link reference number to mortgage items of customer.
3. System Provide user to add reference place which describe physical location of mortgage items.
4. System attach current date to mortgage items.
5. System Store all detail of mortgage items to perticular customer.

* Use case: System verify customer details to its mortgage items.
* Brief Description :system cross check detail of customer and its mortgage items.
* Precondition :After confirm about added mortgage items to customer.

1. System review customer details with list of items taken as mortgage from added mortgage items.
2. System provide revert back if detail not match as per customer.
3. System (store)save customer detail with its mortgage items details if details are validate.

* Use case: System search old account trasection.
* Brief Description :user can view old customer account transection .
* Precondition : After login to system user interface provide facility to search(on home page).

1. System enable user to search customer by name,refrence number,city,mobile number etc..
2. System display search result.
3. search result record formate contain customer name ,city and refrence number .
4. record of search includes date-wise customer account transection information .
5. System enable user to print customer account transection.

* Use case: System manages trasection of customer account.
* Brief Description :system internally calculate interest rate ,create date wise report for each account trasection,and also close account if payment is done by customer.
* Precondition : user must be in search section and it display record of customer account transection.
  1. System calculate intrest rate on mortgage items.(it is simple interest if time elapsed for mortgage is below 1 year after that compound interest is calculated)
  2. System display time elapsed for customer mortgage item in record section.
  3. System provide return money field to user for money paid by customer with interst rate.
  4. System enable user to close account of customer if money is paid by customer.

## 4 Other Non-Functional Requirements

The Money Lending Management will be on Server with high speed internet capability. software developed Here assume the use of visual studio mysql database Connection.

System is available for people specific city and Nearer villages.

System provide web and mobile interface through Which user can view his business.System is compatible with all kind of browsers.