

Software requirement specification

For

Kudumbashree automation

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Revision History

Name	Date	Reason For Changes	Version
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1. Introduction

1.1 Purpose

The purpose of this document is to build a comprehensive view and understanding of the requirements of “Kudumbashree” for the new prospected solution:” Kudumbashree automation”.it illustrates the requirements of the system.it will also explain system constraints, interface and interactions with other external applications.

1.2 Scope

“Kudumbashree automation” is a web-based application. This system would act as a system where kudumbashree can manage the member deposit and loan, administrator control all kudumbashree and each kudumbashree controlled by secretary. Secretary can add, remove members and save deposit and loan details. In this system, each member in a kudumbashree has an account. They can login to their account using the username and password. There members can see their total deposit, date of deposit and loan details, such as loan taken and refunded.

1.3 Product perspective

1.3.1 System interfaces

Web browser : Mozilla Firefox, internet explorer

Operating system: A PC running windows 98, windows 7,2000 or XP operating system

1.3.2 User interfaces

Front-end software: php

Back-end software: MySQL

1.3.3 Hardware interfaces

The system needs proper internet connection.

1.3.4 Software interfaces

Operating system: windows

Database: MySQL

Language: php

1.3.5 Communication interfaces

There are no specific communication interface requirements. Existing OS and network infrastructure will be leveraged for communication.

1.3.6 memory constraints

This application needs only a minimal amount of memory for storage and processing

1.4 Product functions

The system tries to automate the process of Kudumbashree such as recording and calculating the deposits. The system should be capable of increasing the speed, accuracy and so on. The proposed System is being developed in client-server architecture now day's online processing is rapidly increased. so the online Kudumbashree management demands for it. because nowadays central government or state government where highly concentrate for women empowerment. Then this project is one of the solutions reduce the paperwork and manual efforts. Here this site will manage the Kudumbashree activities easily. Some of the main functions of this application is listed below

- **Kudumbashree registration**
- **Add deposit**
- **Add members**
- **issue loan**
- **Remove member**
- **Member login**

1.5 User characteristics

This system will support three types of user privileges, admin, secretary and member.

Admin will have access to admin functions, and secretary can access both secretary and member functions, member will have access member functions.

1.6 definitions

Admin

Admin is the person who has full control over the web application and admin is responsible for managing the functions in the system

Secretary

Secretary is the person who control the kudumbashree and its functions

Member

Member is the person. He or she a member in a kudumbashree

2.Requirements

2.1 functions

2.1.1 Kudumbashree registration

Each Kudumbashree can register by filling a form.

And then each Kudumbashree get a username and password

2.1.2 Kudumbashree login

Each Kudumbashree can login to their account with allowed username and password

2.1.3 add members

Secretary can add members to the Kudumbashree through secretary page
Secretary can add each member to the Kudumbashree by entering the details of each members

2.1.4 record deposit

Secretary can record deposit through secretary page
By entering the amount of each members.

2.1.5 issue loan

Secretary can issue loan to the members of Kudumbashree and calculate the interest of loan

2.1.6 admin login

From admin login page admin, can login to the admin page using allowed username and password

2.1.7 view Kudumbashree

From the admin page admin, can go through the registered Kudumbashree details

2.1.8 view members

Admin can view the individual member wise details of each Kudumbashree

2.1.9 view deposit

Admin can view the total deposit of each Kudumbashree and member wise deposit also

2.1.10 member login

Member can login to the member page by entering the registered username and password

2.1.11 view member deposits and loan details

Member can view the deposit details date wise and also see the loan details

2.2 usability requirements

Each Kudumbashree can use the system by register .and also easy to add deposit and issue loan. The members can easily view their daily wise or weekly wise. admin can get a detailed view of Kudumbashree and the Kudumbashree activities. The means of user-friendly system each user can be use the system easily without technical knowledge.

2.3 performance requirements

All pages should load within 2 seconds.

Search result should be displayed within 1 second

2.4 software system attributes

2.4.1 availability

May website should be available 99.9% of the time

2.4.2 maintainability

There is a 90% probability for maintenance

2.4.3 security

The system provides 99.9% security.

3.verification

Through verification we will ensure that the product is build according to the requirements and design specification. The activities come under the verification are reviews, walkthroughs , inspection

4. reference

[www. Reqview.com](http://www.Reqview.com)

www.kudumbashree.org