

***Project Title:- Web based Saving and Credit information  
Management System for Amhara Saving and Credit Institute  
(ASCI)***



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## Chapter one

### 1.1 Introduction

The aim of this project that going to be develop about web based saving and credit information management System for Amhara saving and credit institute . Web based systems are an ultimate way to take advantages of today's technology to enhance the organizations productivity and efficiency. Web based application gives an opportunity to access their business information from anywhere in the world at any time.

We believe that our new system will provide fast & modern service for different users. Some of the core benefits of web based system are more manage able, secure live data (backup data), and saving time and effort wastage on the search for individuals to access each member's account and information.

### 1.2 Objective

The main objective of this project is to develop *web based saving and credit system for the existing system of amhara saving and credit institute.*

### 1.3 Existing System

#### 1.3.1 Overview

The existing system is manual system which means on paper based manner. Deposit money, transfer money, loan requests and other tasks are performed manually. The records are kept manually putting the records of members on subsidiary ledger in order to calculate individual members financial status this process may result in errors ,consumes more time and also loss of records.

Generally, the existing system has the following activities:

- ✓ Registration of new members in manual based.
- ✓ Membership request by coming in to the institution physically.
- ✓ Registration ,update, delete and others of new employee in manual based.

#### 1.3.2 Users/Actors of the system

- ◆ Administrator: -responsible to control all over the system
  - Create ,update and delete account

- ◆ Manager:-responsible to manage employee
  - Add employee, delete generate report and others
- ◆ Employees:-responsible to register customer or give service to the customers.
- ◆ Customers:-responsible to return loan on the given times for the institute.

## **1.4 Proposed System**

The new proposed system is computerized and do an activity using computers in the instuite.it is the best way of storing information of customer and employee.it is an important role to consume time ,space data security .doing any activity without any error or handling of error held by employee ,and others in the existing system.

### **1.4.1 Overview of the existing system**

The existing system is manual system which means on paper based manner. Deposit money, Transfer (pay money), loan requests and other tasks are performed manually or going to the instantiations. The records are kept manually putting the records of members on subsidiary ledger in order to calculate individual members financial status this process may result in errors ,consumes more time and also loss of records. To get any information in the existing system, one should go through the documents manually, resulting in many drawbacks like, tedious paper work, there is possibility for loss of record, and it takes time to record the data

### **1.4.2 Functional Requirements**

- ✓ Online register new customers/members.
- ✓ Customers requesting loan Service.
- ✓ Update the customer information.
- ✓ Handling online saving deposit, withdraw and transfer (payment).
- ✓ Handle employee information in the database.
- ✓ An administrator can add, delete user accounts.
- ✓ Generate different reports.
- ✓ Customer can view financial statements (balance).
- ✓ Calculate equated monthly installment.
- ✓ Manager send (message or notification)

### 1.4.3 Use Case Model

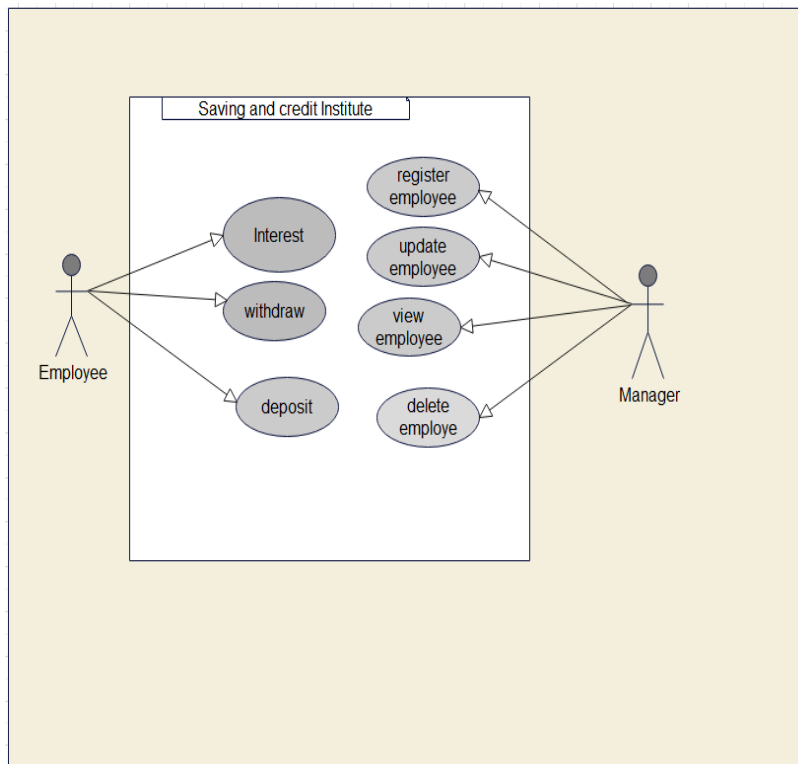


Figure 1.1 use case diagrams

### 1.4.4 Class Diagram

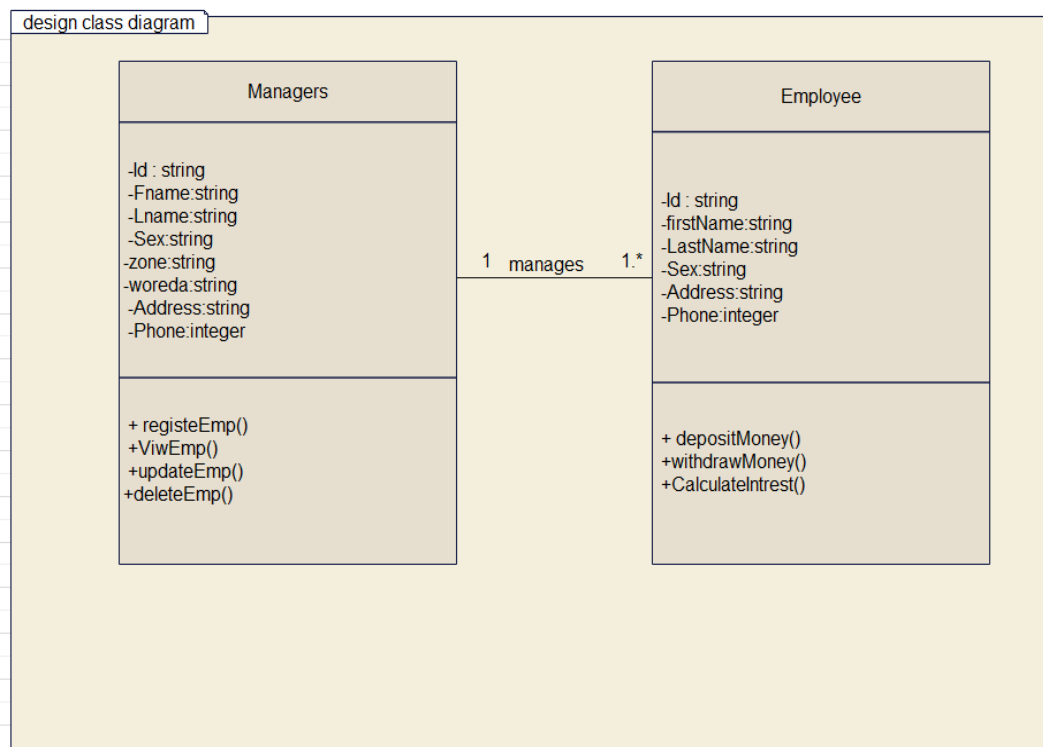
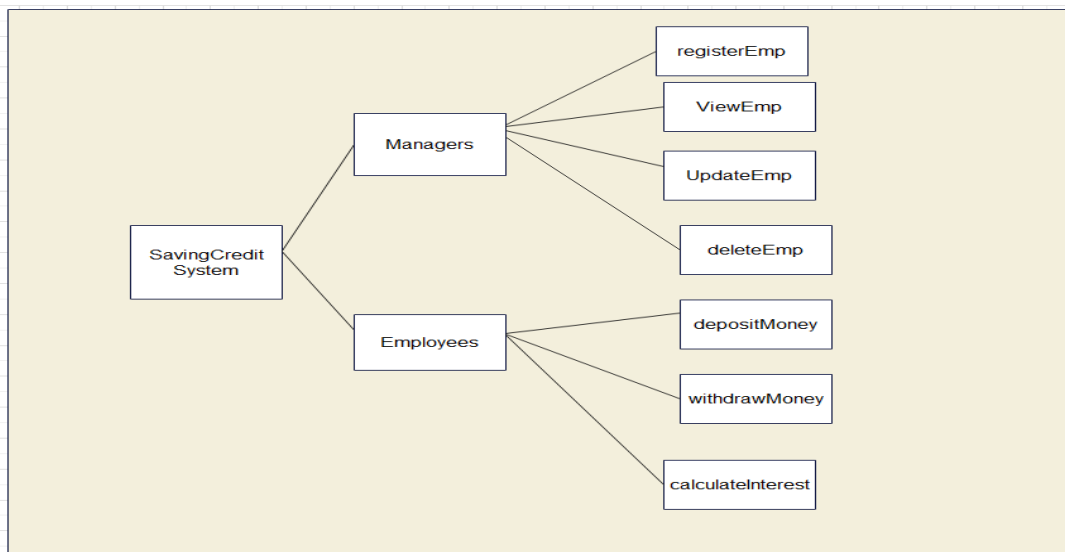


Figure 1.2 managers class diagram

### 1.4.5 User Interface mockup



New employee registrations	
ID	<input type="text"/>
Fname	<input type="text"/>
Lname	<input type="text"/>
Sex	<input type="text" value="Select"/>
zone	<input type="text"/>
woreda	<input type="text"/>
Address	<input type="text"/>
Phone	<input type="text"/>
<input type="button" value="Register"/>	

Figure 1.3 New employee registration user interface forms.

### 1.4.5 Database design

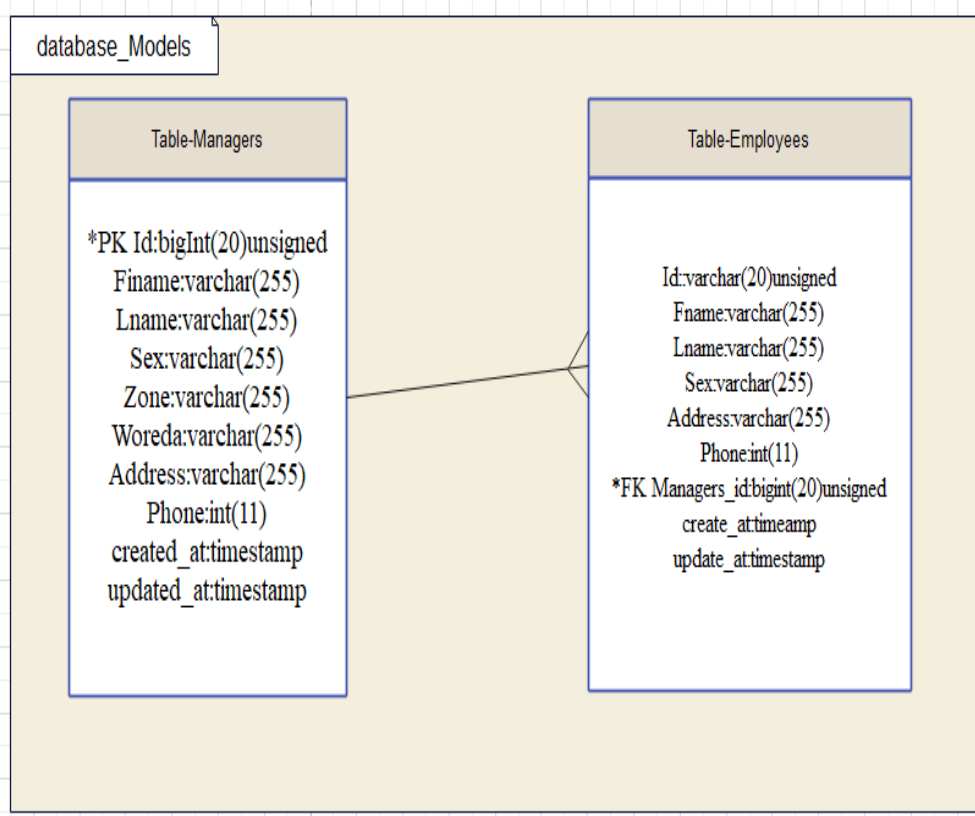


Figure 1.4 database designed diagrams