**1.Title Of the Project:**

**e-Post Office**

**2.Objective of the Project:**

The main objective of e-Post Office project is to develop a web based application for post office which helps post office management and their customers. It handles all types of transaction details of the post office and this project will reduce the clerical work as most of the work done by computer and customers can directly view all transaction details without visiting post office.

**3.Project Description:**

This project has following features:

* The management can add or update transaction details of SB, RD, TD, SSA account. The system calculates interest rates automatically.
* Customer can view their account and transaction details through online by entering login id and password. Customer can view updated balance from online service anytime.
* Post office management can add payment details of electricity bill payment, Telephone bill payment, money order, etc.
* Customer can track delivered and pending status of register letter and speed post letter by entering tracking Id.
* Customer can view insurance scheme details, paid amount and due date. Even they can download receipt of latest transaction.

**4.Project Category :**

Web Application – Relational Database Management System (RDBMS)

**5.Structure of the program:**

**Tools / Platform:**

|  |  |
| --- | --- |
| Tools | Platforms |
| Front End | PHP |
| Back End | MySQL Server |

**Hardware Requirements:**

Processor : Intel Dual Core or above

Operating System: Windows XP or Above

Processor Speed : 1.9 GHZ or above

RAM : 1 GB RAM and above

Hard disk : 40 GB hard disk and above

**Software Requirements:**

* XAMPP 1.8.2
* Apache server
* PHP 5.4
* MYSQL server 5.5

**6.Module Description :**

* **Login module:**

This module allows post office management and customers to login to the system by entering login id and password.

* **Deposit module:**

In this module management can update transaction details of SB, RD, TD, SSA. Customer can view account details and transaction details.

* **Bill Payment module:**

In this module management can update Telephone and Electricity bill paid by customers. The system generates bill receipt after the bill payment.

* **Money order payment module:**

In this module management can update money order payment details paid by customers. The system calculates commission and tax automatically and after the confirmation the system generates bill receipt. It provides facility to track the status of Money order details.

* **Track consignments module:**

This is the online consignment tracking facility which allows customer to track speed post, or registered letter information by entering consignment number. Even the customer will receive a message after the item delivery.

* **Insurance module:**

Insurance module which displays different insurance schemes for customers in the website. The main purpose of insurance module is any customer can view insurance detail in the website at any time without going to the post office. The customer can check the policy details, paid and pending premium payments, etc.

* **Dashboard module:**

This module is for post office management where they can login and update transaction details, Electricity and Telephone bill payment, money order records, Register and speed post records, and insurance details.

**Future scope of the Project :**

* In future we can add online payment gateway to make online payment.
* In future we can develop and integrate with mobile apps.