CSE AUTOMATION

(180001022, 180001026, 180001028, 180001030, 180001039)

1.Introduction

1.1 Purpose

The purpose of this document is to build an online fund management system to monitor the Fund Transfers and a platform to upload and manage files for IITI CSE Department.

1.2 Intended Audience & Project Scope

This project is a prototype for the fund management system, and it is restricted to use within the college premises. This project has been developing under the guidance of college professors. This software is made for the CSE faculty.

Fund Management System

2. Description

2.1 Product Perspective

This software is developed to monitor the flow of funds and maintain a record of the transactions.

THE DATABASE

The database system stores the following information :

- Admin Details :

  Details include Admin's Name, Contact information, Office, and List of users working under the respective Admin.

- User Details :

  Details include User's ID, Name, Contact Information and the Available Balance in their account.

- Transactions :

  Details include user's Transaction ID, Date, Amount and type of Transaction (Debit/Credit).

2.3 Operating Environment

Operating System: LINUX, WINDOWS, MAC.

Database: MYSQL

Language: PHP

3. System Functionalities :

- Recording the transactions (only by admin).
- Creation of users by admin.
- Edit profile permission granted to the user.
- Access of transaction records to both user and admin.
- Deletion of a user by admin.
- Email notification to a user regarding the transaction details for each transaction. The details include the amount credited or debited, date of the transaction, and the available balance.

File Uploading

2. Description

2.1 Product Perspective

- This software provides a platform to upload files and grants different access permissions to user and admin.
- The database consists the details of user and admin.
- A centralized depositary provided for uploading files.
- Constraints on the size and format of a file.