**Requirements**

## **Introduction**

#### **Title**: Employee Information Management System

This Mini project is based on C Language concept where we can generate the Employee's information and update their records based on the requirements.

Employee Management System is a distributed application, developed to maintain the details of employees working in any organization. The EMS has been developed to override the problems prevailing in the practicing manual system. It maintains the information about the personal and official details of the employees.

## **Research**

### Objectives:

* This project aims to simplify the task of maintaining records of the employees of Company.
* To develop an well-designed database to store employee information.
* Provides full functional reports to management of Company.
* The objective of this project is to provide a comprehensive approach towards the management of employee information.

## **Cost and Features**

* Previously the records management was done manually.
* Proper Login Screen (Invisible Password Typing).
* Password Protected.
* Encrypted File (Binary).
* Easily Add, Delete, Modify Records.
* Various Essential Queries.

## **Defining Our System**

Input of the Employee Information Management systems are explained below

- Input 1-> ENTER USERNAME:-user

- Input 2-> ENTER PASSWORD:-\*\*\*\*

- Input 3-> Press any key to continue...

- Input 4-> 1> Add Employee's Records

2> List Employee's Records

3> Modify Employee's Records

4> Delete Employee's Records5> Exit SystemYour Choice:

- Input 5-> EMPLOYEE's RECORD LIST (name, age, address, designation, department, salary)

Ragga 22 Andhra Peon HR 250000.00

Raj 23 Patna Trainee Embedded 30000.00

Ragga 22 Andhra GET Embedded 32000.00

# 4W's and 1'H

## **Who:**

* All the organisation who has lot’s of employee in their different units and their different services.

## **What:**

* Earlier Many Companies were inefficient due to prolonged time for entering N numbers of employee records manually.
* This project gives the opportunity to enter all the required information and deploy into the system easily

## **When:**

* As the business of the organisation increases number of employees increases .
* With the increases of employee their data management require.

## **Where:**

* This problem is surfaced in all the organisation in the world.

## **How:**

* This project takes in all the input values and yields out the management parameters.

# Detail requirements

## **High Level Requirements:**

|  |  |  |  |
| --- | --- | --- | --- |
| **ID** | **Description** | **Category** | **Status** |
| HR01 | User has to enter correct user name and password for successful login | Textual | IMPLEMENTED |
| HR02 | User has option to add employee record | Textual | IMPLEMENTED |
| HR03 | User has option to select y/n to add and not add another employee record in existing page. | Textual | IMPLEMENTED |
| HR04 | User has option to review added or deleted employee record | Textual | IMPLEMENTED |
| HR05 | User has option to modify employee record | Textual | IMPLEMENTED |
| HR06 | User has option to delete employee record | Textual | IMPLEMENTED |
| HR07 | User has option to exit from employee record page | Textual | IMPLEMENTED |

## **Low level Requirements:**

|  |  |  |  |
| --- | --- | --- | --- |
| **ID** | **Description** | **HLR ID** | **Status** |
| LR01 | A coord function to display the text on the Top- left corner of window | HR01 | IMPLEMENTED |
| LR02 | Small menu should be created for the user to enter.A switch case statement to get the option for the user to select the different key to add employee records. | HR02 | IMPLEMENTED |
| LR03 | Function pointer is used to call the data from main function | HR03 | IMPLEMENTED |
| LR04 | After the giving long character to the input it’s escaped one inpuut | HR07 | NOT IMPLEMENTED |