



Dland Employee Management System

Software Requirement Specification (SRS) Document

Sprint Implementation

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1.Introduction

In this world of growing technologies everything has been computerized. With large number of work opportunities the Human workforce has increased. Thus there is a need of a system which can handle the data of such a large number of Employees. This project simplifies the task of maintaining records because of its user-friendly nature. The objective of this project is to provide a comprehensive approach towards the management of employee information. This will be done by designing and implementing an Employ management system that will bring up a major paradigm shift in the way that employee information is handled. The objectives of this system include:

Design of a web based Employee Management System to fulfill requirements such as project management, report generation to assist in performance appraisals. Well-designed database to store employee information. A user friendly front-end for the user to interact with the system.

1.1 Purpose: The purpose of this document is to describe the requirements, to manage all information related to the employees working in the DLand company. The main purpose of the employee management system is to gather all the employ's data and to manage the data.

1.2 Employee: This document is intended to be read by Client.

1.3 User

- Admin
- Employees

Since this a company related software only employees belong to that company can access it.

1.4 Scope: This project aims to develop a system where the employee management is to assist any organization in storing and retrieving all the information about employees working, information related to projects(..) in a way more robust and efficient manner. All the information about employees working and the previous employees who worked for the organization is stored in a retrievable manner. The scope of this project will be limited to the following:

Employee profiles: Employees will have access to their personal profiles and employee can update his/her information like phone number, address, mail id(...). Assigning the tasks to employees and tracking their progress.

Recruitment Process: The admin will add an employee, a default password and employee id will be generated and sent to the new employee email. The admin can only have the ability to add or delete an employee's information from the database.

2. Overall Description

2.1 User Needs

- Employee can edit his/her personal information.
- Pay slip can be provided based on the employee's demand.
- Employee can see his/her details.

2.2 Assumptions and Dependency

- User can only select options from the given menu.
- The user can perform operations on a mobile, desktop or laptop.

3. System Features and Requirements

3.1 Functionality

3.1.1 Authentication

Login: The admin/employee can login to the employee management system with his/her username and password.

Login failure: If the user does not exist in the database or the user has not yet being authorized by the EMS admin.

3.1.2 Authorization: Admin/Employee role check - After logging in, the Admin/Employee role will be checked from the database and the user interface will be displayed according to their role.

3.1.3 Add employee record: This feature adds a new employee record to the file. It asks for the employee name, employee id, phone number, mail id, address, experience, project code and experience. That means the employee record is successfully created. Upon successful creation of a new employee record, the employee management system program displays the message – “employee details successfully stored.” If the new

employee record already exists in the file, it displays the message – “employee already exist.

3.1.4 Delete employee record: This feature deletes added employee record from the file. The admin needs to provide the employee id to be deleted from employee management system. Upon successful deletion, it displays the message – “Record deleted!”. If the employee id provided is not found in file, the program displays the message – “employee doesn’t exist!

3.1.5 Modify employee record: This function is used to modify the existing records either admin or employee. Employee can edit only his/her details. But the admin can edit all information related to all employees along his data. After completion of modifying, it displays the message – “Record modified!”. If the employee id provided is not found in file, the program displays the message – “employee doesn’t exist!

3.1.6 View employee record: In employee management system. This function is used to view the data. It can be viewed by either admin or employee. Employee can only view his/her data. But the admin can view all information related to all employees along his data. It displays the data only if the employee record is there otherwise it displays the message – “employee doesn’t exist!

3.1.7 Add new employee: Admin role type is able to add a new employee to the database. The new employee will have all the required personal information related to him/her. The new created employee will have an id. After a new employee has being created by admin, admin role is responsible for creating a new user by the specified id assigned in the “Add a new employee” feature. The unique id will be given by the system. Admin will assign a new role such as employee, project, manager etc.

3.2 System Requirements

3.2.1. Tools

- C Language
- C File Handling

3.3 System Features

Supportability: The system helps in enabling system elements to work effectively and efficiently including maintenance and other support functions.

Design Constraints: The system is built only c language associated with linux tools.

Usability: Employee management is essential for keeping digital records of employee data. An employee management system or EMS is a tool that helps improve employee satisfaction and productivity to help a company achieve their overall goals. These tools help monitor, assess and control employees' working hours and efficiently utilize human resources. An EMS securely stores and manages the personal and work-related details of employees. This makes it easier for the managers to store and access relevant data when needed.

Reliability & Availability: The user can request for the service when the request gets accepted then the system will be available 24/7.

Performance: The system will work on the user's terminal.