



Human Resource Management Portal

Software Requirement Specification (SRS) Document

Sprint Implementation

Project Timeline: 20.10.2022 to 27.10.2022

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1. Introduction: -

The introduction of the software requirement specification provides an overview of the entire software. The entire software requirement specifications with overview description purpose, scope, tools used and basic description. The aim of this document is to gather, analyze and give an in-depth insight into

the complete Human Resource Management Portal by defining the problem statement in detail

The detailed requirements of the Human Resource Management System are provided in this document.

1.1 Purpose: -The purpose of this document is to develop a tool to help HR team of software development company to assign employees to software projects .This tool should maintain information about projects and employees .It should then allow to allocate or de-allocate employees to projects.

1.2 Intended Audience: -This document is intended to be read by Admin.

1.3 Intended Use: -

- Development Team
- Maintenance Team
- Clients

Since this a Confidential Software only HR can access it.

1.4 Scope: -This project Human Resource Management Portal aims to manage the projects, store the details of the employees, allocate and de-allocate employees to projects according to their expertise.

1.5 Definition and Acronyms : -

1. Client: The user who is going to use this software.
2. HR: The user who is going to use the software.
3. Employee: The user who is going to use this software.
4. Employee.dat: The file where all the details of the employee get stored.
5. Project.dat: The file where all the details of the project get stored.

2. Overall Description: -

The Human Resource Management Portal is a portal which takes the details of project and employee from the HR team and allocates the employee to a project according to the employee expertise.

2.1 Assumptions and Dependency: -

- User must give command line input in specified format
- User has the latest version of Ubuntu Linux installed.
- Client has either an 4GB or more RAM.
- The service is used preferably on a desktop or laptop.

3. System Features and Requirements:

functionality: -

3.1.1 F 01->Menu Drive Application: This is an application where we can store the information of employee, project.

3.1.2 F 02->Employee Database: This is a database which stores the details of employee.

3.1.3 F 03->Project Database: This is a database which stores the details of the project.

3.1.4 F 04->Update/Delete: In update admin should update the project before the end date otherwise admin cannot update after the end date.

In delete admin cannot delete the project one after allocated to an employee.

3.1.5 F 05->Project Allocation: Admin can allocate the project to an employee based on the requirement and the expertise of an employee.

3.1.6 F 06->Project de-allocation: If an employee is allocated to more than three projects at a time then the employee will be de-allocated.

3.2 System Requirements:-

3.2.1. Tools to be used:

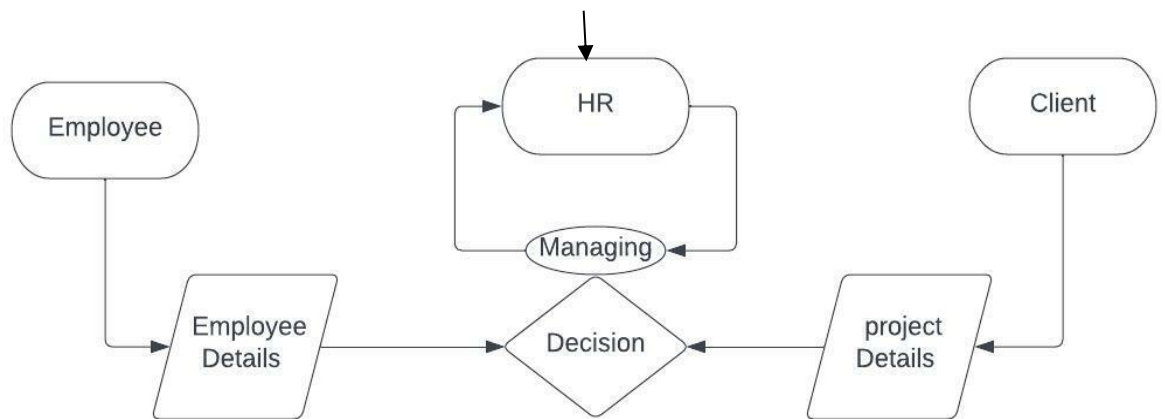
- C File Handling
- C Language
- System Programming

3.2.2 System Features:

- Supportability: The system is easy to maintain.
- Design Constraints: The system is built using only C language.
- Usability: The application is used to allocate the employee to the project based on the requirement of the project and the expertise of the employee.
- Reliability & Availability: The system is available when the user is requested for service. The system is available 24/7.
- Performance: The system will work on the user's terminal.

4.Data Flow Diagrams :-

4.1 DFD Level 0 :-



4.2 DFD Level 1:-

