

## **System Requirements Specification**

**System Name:** Employee Management System

**Version:** 0.1.0

**Date:** 2023-10-12

### **1. Objective**

The objective of the Employee Management System is to provide a centralized platform for managing employee information and tasks. The system should allow users to add, edit, and delete employee records, as well as assign tasks and track progress.

### **2. Scope**

The system will include the following features:

- Employee management: Add, edit, and delete employee records.
- Task management: Track attendance, and view reports.
- Reporting: Generate reports on employee activity.

### **3. Functional Requirements**

The system must meet the following functional requirements:

- Admin Users must be able to add, edit, delete employee records, Branch Management
- HRUsers must be able to assign tasks to employees.
- Regular Users must be able to track the attendance and edit profile.
- Users must be able to view reports on employee activity.

# LOGIN

Username

Password

[Forgot Password?](#)

LOGIN

Figure 1: Login page

Mr. Sasiri/Admin



2023011403

**IJSE Employee Management System**

Manage Employees

Termination Requests

Attendance report

Manage Branches

Reset Employee

Manage Employment  
Status

Figure 2: Admin Panel

### Termination Requests

Id	Name	Reason for Termination	Requested By ID	Requested By Name

DECLINE

ACCEPT

Figure 3: Terminate Employee

### Attendance Report

SEARCH

FROM :

TO :

Id	Name	Leaves	Total worked days	Attendance Percentage

Figure 4: Attendance Report

Manage Employees

Termination Requests

Attendance report

Figure 5: HR panel

## Request a Termination

Employee Id

Reason for Terminate

SEND REQUEST

Figure 6: Termination Request by HR

Mr. Sasiri/ IT user  
2023011403

## IJSE Employee Management System

Profile

Reset Passwords

Figure 7: IT User

Mr. Sasiri/ Regular user  
2023011403

## IJSE Employee Management System

Profile

Attendance Report

Figure 8: Regular User

## Add Employee

ID

Full Name

NIC

Username

Password

Role

Employee Status

Branch

Contact

Profile Picture

SUBMIT

Figure 9: Add Employee

## 4. Non-Functional Requirements

The system must meet the following non-functional requirements:

- The system must be easy to use.
- The system must be secure.
- The system must be reliable.
- The system must be scalable.

## 5. Assumptions and Constraints

The following assumptions and constraints apply to the system:

- The system will be used by employees and managers.
- The system will be hosted on a cloud server.
- The system will be developed using Java and Spring Boot.

## **6. Implementation Plan**

The system will be implemented in the following phases:

- Phase 1: Requirements gathering and analysis
- Phase 2: Design
- Phase 3: Development
- Phase 4: Testing
- Phase 5: Deployment

## **7. Testing Plan**

The system will be tested using the following methods:

- Unit testing
- Integration testing
- System testing
- User acceptance testing

## **8. Deployment Plan**

The system will be deployed on a cloud server.

## **9. Maintenance Plan**

The system will be maintained by the development team.

## **10. Documentation Plan**

The system will be documented using the following documents:

- System Requirements Specification
- User Manual
- Administrator Manual

## **11. Training Plan**

Users will be trained on the system using the following methods:

- User Manual
- Administrator Manual

- Online training
- On-site training



