

Software Requirements Specification (SRS)

Project: Cloud-Based HR Management System

Date: _____

Version: 1.0

1. Introduction

1.1 Purpose

[Briefly state the purpose of this SRS and what is to be developed.]

1.2 Scope

[Describe the software to be developed, its goals, and benefits. Brief description of the system functions.]

1.3 Definitions, Acronyms, and Abbreviations

- HRMS: Human Resources Management System
- [Add other key terms and acronyms]

1.4 References

[List documents/references used in preparing this SRS.]

1.5 Overview

[Describe what the rest of the SRS contains.]

2. Overall Description

2.1 Product Perspective

[Context and background of the Cloud-Based HRMS. Relationship to existing systems, if any.]

2.2 Product Functions

- Employee Information Management
- Attendance and Leave Management
- Payroll Processing
- Recruitment and Onboarding
- Performance Management
- Reporting and Analytics
- Role-Based Access Control

2.3 User Classes and Characteristics

- HR Administrator
- Manager/Supervisor
- Employee

2.4 Operating Environment

[Web Browsers, Mobile Devices, Cloud Platforms, etc.]

2.5 Design and Implementation Constraints

[Technical, legal, security or any other constraints.]

2.6 User Documentation

[Briefly describe user manuals/help guides.]

2.7 Assumptions and Dependencies

[Any factors assumed true for the project to proceed.]

3. System Features

3.1 [Feature Name: e.g., Employee Management]

- **Description:** [Brief overview of the feature.]
- **Functional Requirements:**
 - [Specific requirement 1]
 - [Specific requirement 2]

3.2 [Feature Name: e.g., Attendance Management]

- **Description:** [Brief overview of the feature.]
- **Functional Requirements:**
 - [Specific requirement 1]
 - [Specific requirement 2]

4. External Interface Requirements

4.1 User Interfaces

[Descriptions and mockups/sketches if available.]

4.2 Hardware Interfaces

[Details regarding interaction with hardware, if any.]

4.3 Software Interfaces

[Details about APIs, external systems integration.]

4.4 Communication Interfaces

[Protocols, communication standards, etc.]

5. Non-Functional Requirements

- **Performance:** [Expected response time, throughput, etc.]
- **Security:** [Authentication, authorization, data privacy, etc.]
- **Availability:** [Uptime, backup, disaster recovery requirements.]
- **Scalability:** [Concurrent users, adaptability to load increase.]
- **Maintainability:** [Ease of updates, support, etc.]
- **Portability:** [Supported platforms and devices.]

6. Other Requirements

[Additional requirements specific to the project.]

7. Appendix

[Any supplementary information, glossary, analysis models, etc.]