Software Requirements Specification (SRS)

Enterprise Project Management System

1. Introduction

1.1 Purpose

Provide a detailed specification of the requirements for the Enterprise Project Management System.

1.2 Scope

This document covers the software requirements for an enterprise project management system supporting project planning, tracking, resource allocation, and reporting.

1.3 Definitions, Acronyms, and Abbreviations

- **PM:** Project Manager
- **EPMS:** Enterprise Project Management System
- **SRS:** Software Requirements Specification

1.4 References

- IEEE Std 830-1998, IEEE Recommended Practice for Software Requirements Specifications

1.5 Overview

This SRS document describes functional and non-functional requirements for the system.

2. Overall Description

2.1 Product Perspective

The system is a standalone web application accessible by enterprise users and management.

2.2 Product Features

- Project planning and scheduling
- Resource allocation and management
- Task assignment and tracking
- Budgeting and cost tracking
- Reporting dashboards
- Role-based access control

2.3 User Classes and Characteristics

- Administrator
- Project Manager
- Team Member
- Executive

2.4 Operating Environment

The system will operate in modern web browsers on desktop and mobile platforms.

2.5 Design and Implementation Constraints

- Compliance with enterprise security policies
- Support integration with existing HR and finance systems

2.6 User Documentation

- User manual
- Online help resources

3. Specific Requirements

3.1 Functional Requirements

- Users can create and manage projects with start and end dates.
- Project Managers can assign team members to projects and roles.
- System generates reports for project progress and resource utilization.
- Role-based authorization restricts access to sensitive data.
- Integration layer allows export/import of data from external systems.

3.2 Non-Functional Requirements

- System shall support 500+ concurrent users.
- Average response time should be less than 2 seconds for any user action.
- System will use SSL for secure communications.
- All actions are logged for audit purposes.

3.3 External Interface Requirements

Interface	Description
User Interface	Web-based forms and dashboards for input and visualization
API	RESTful API for system integration

4. Appendices

- Sample UI Mockups
- Glossary