Software Requirements Specification (SRS)

Project: Professional Loan Management System (PLMS)

1. Introduction

1.1 Purpose

This Software Requirements Specification (SRS) document defines the functional and non-functional requirements for the Professional Loan Management System (PLMS). The system is designed to facilitate loan management for professionals and streamline the administrative tasks for system administrators.

1.2 Scope

The PLMS is a full-stack web-based application that allows users to apply for professional loans, upload required documents, track application progress, and manage EMI repayments. The admin interface allows review, verification, disbursement, and notification management.

2. Overall Description

PLMS is built with Spring Boot, React.js, and PostgreSQL. It features user registration, loan application, admin management, disbursement, EMI handling, document upload, and notifications.

3. Functional Requirements

User registration, loan application submission, document upload, loan approval by admin, EMI payment tracking, notifications.

4. Non-Functional Requirements

Performance: Fast EMI schedule generation.

Security: Secure password storage.
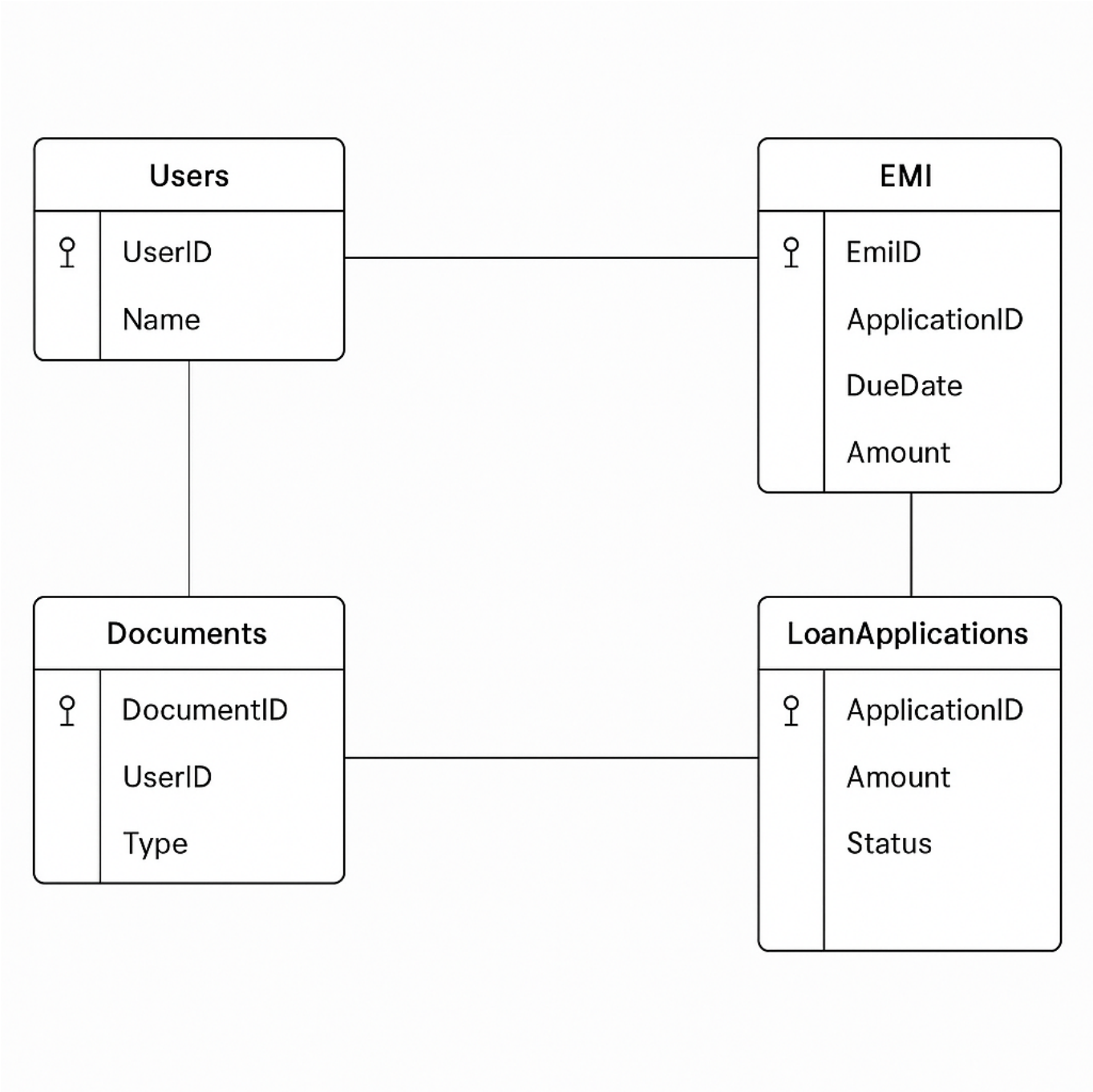
Reliability: 99.5% uptime.

Usability: Responsive and user-friendly interfaces.

5. ER Diagram

Refer to the attached ER diagram image below:

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