**Requirement Analysis for Hospital Management System**



**Requirement Analysis Report**

**Hospital Management System**

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Requirement Analysis Report

Hospital Management System

**1. Introduction**

A Hospital Management System (HMS) is a software application designed to streamline the operations of a hospital or healthcare facility.The purpose of this report is to document the requirement analysis phase, which is essential for designing and implementing the system efficiently.This document identifies the system's functional and non-functional.

requirements, stakeholders, system scope, and other critical aspects of requirement analysis.

2**. Objectives**

* To automate hospital operations, improving efficiency and accuracy.
* To provide an integrated platform for managing patient records, appointments, billing, inventory, and other administrative functions.
* To ensure compliance with healthcare regulations.
* To enhance patient experience through digital solutions.

**3. Scope of the System**

The Hospital Management System will address the following areas:

1. Patient Registration and Management.
2. Appointment Scheduling.
3. Doctor and Staff Management.
4. Billing and Payment.
5. Pharmacy and Inventory Management.
6. Laboratory and Diagnostics Management.
7. Administrative Reporting and Analytics.
8. Emergency Case Management.
9. Compliance with healthcare standards (e.g., HIPAA).

**4. Stakeholders**

1. **Patients:**