**SOFTWARE REQUIREMENT SPECIFICATION**

(Hospital Management)

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**1. Introduction**

The SRS is produced at the culmination of the analysis task. The function and performance allocated to software as establishing a complete information description, a functional description, and representation of system behavior.

The SRS is a technical specification of requirement of Hospital Management system. It describes behavior of proposed system.

**Purpose**

The main purpose of our system is to make hospital task easy and is to develop software that replaces the manual hospital system into automated hospital management system.

**Overview**

Hospital Management System is a process of implementing all the activities of the hospital in a computerized way to fasten the performance.

This project is to maintain the patient details, lab reports. You can also manually edit any patient details.

**2. OVERALL DESCRIPTION**

**Product perspectives**

This project gives the procedural approach how a patient gets treatment, details about date of treatment and finally depending on different criteria like room allocated, lab reports, treatment and medicine taken etc.

**Product Function**

The data represented in hospital management application will perform the following major function:-

1. **Patient Details**: - It includes inpatient and outpatient details.
2. **Lab reports**
3. **Billing Details**

**User Friendly**

This software is developed such to make it more user friendly. The operator will be provided with login id and password. General users with basic computer skills can use this software.

**General Constraints**

Any update regarding the patients information from the hospital are recorded to have updated and correct values.

**3. SPECIFIC REQUIREMENTS**

It describes all the details that the software developer need to know for designing and developing the system. This is typically the largest and most important part of the document.

**4**. **External Interface Requirements:**

**User Interface**

User interface is designed in a user friendly manner and the user, in another end has to give the order, for that he will interface with keyboard and mouse.

**Hardware Interface**

1) OS

2) Hard disk

3) RAM

4) Keyboard

5) Mouse

**Software Interface**

1) Front end – HTML, CSS, Bootstrap

2) Back end – PHP, MySQL.

**5. Functional Requirements:**

**Administration module**

This module enables the user to insert, update, view and delete the patient information.

**Patient module**

This module is used to store information about patients who were admitted in the hospital.

Patient Id, Name, Age, Sex, Address, Phone Number, Weight, Doctor, Room no, Date of admitted, Advance, Date of discharge etc.

**Billing module**

Patient Id, doctors charge, health card amount, room bill, medicine bill, total amount, No of days, Service charge, Operation theatre, Nursing care, Lab bill.

**Performance**

The capability of the computer depends on the performance of the software. The software can take any number of input provided the database size is large enough. This would depend on the available memory space.