Agadi Sunrise Hospital Management System

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ABSTRACT

The purpose of "AGADI SUNRISE HOSPITAL MANAGEMENT SYSTEM" is to automate the existing manual system by the help of computerized equipment's and full-fledged computer software, fulfilling their requirements, so that their valuable data can be stored for a longer period with easy accessing and manipulation of the same. The software can lead to error free, secure, reliable, and fast management system.

Keywords : Computer Software, Computerized Equipment's, Effective Decision Making, Patient Care

I. INTRODUCTION

The project Hospital Management system includes registration of patients, storing their details into the system, and also computerized billing in the pharmacy, and labs. The software has the facility to give a unique id for every patient and stores the details of every patient and the staff automatically. It includes a search facility to know the current status of each room. User can search availability of a doctor and the details of a patient using the id.

The Hospital Management System can be entered using a username and password. It is accessible either by an administrator or receptionist. Only they can add data into the database. The data can be retrieved easily. The interface is very user-friendly. The data are well protected for personal use and makes the data processing very fast. Hospital Management System is powerful, flexible, and easy to use and is designed and developed to deliver real conceivable benefits to hospitals.

Hospital Management System is designed for multispecialty hospitals, to cover a wide range of hospital administration and management processes. It is an integrated end-to-end Hospital Management System that provides relevant information across the hospital to support effective decision making for patient care, hospital administration and critical financial accounting, in a seamless flow.

II. LITERATURE SURVEY

Visited to Agadi sunrise hospital and brief discussion has been made about the existing system of hospital. The existing system in Agadi sunrise hospital is bit complex only the trained person can operate the software. In Agadi sunrise hospital still the file system carried out which is not so efficient. Hospital currently uses a manual system for the management and maintenance of critical information. The current

system requires numerous paper forms, with data stores spread throughout the hospital management infrastructure [1].

Often information is incomplete or does not follow management standards. Forms are often lost in transit between departments requiring a comprehensive auditing process to ensure that no vital information is lost. Multiple copies of the same information exist in the hospital and may lead to inconsistencies in data in various data stores. There are many systems developed that have been developed related to this medical,management system[2], A systematic approach to the way documents are managed, can transform your Hospital resources to its highest utility and advantage. System has Receptionist, Doctor, Nurse, Administration, Pharmacist, Laboratorist and Patient modules. Payroll and attendance record of employees can be maintained[3]. System provides the benefits of streamlining of operations, enhanced administration and control, improved response, cost control and improved profitability. The program can look after Inpatients, OPD patients, records, database treatments, status illness, and billings.

III. PROPOSED SYSTEMS

The Agadi Sunrise Hospital Management System is designed for any hospital to replace their existing manual paper based system. The new system is to control the information of patients. Room availability, staff and operating room schedules and patient invoices. These services are to be provided in an efficient, cost effective manner, with the goal of reducing the time and resources currently required for such tasks.
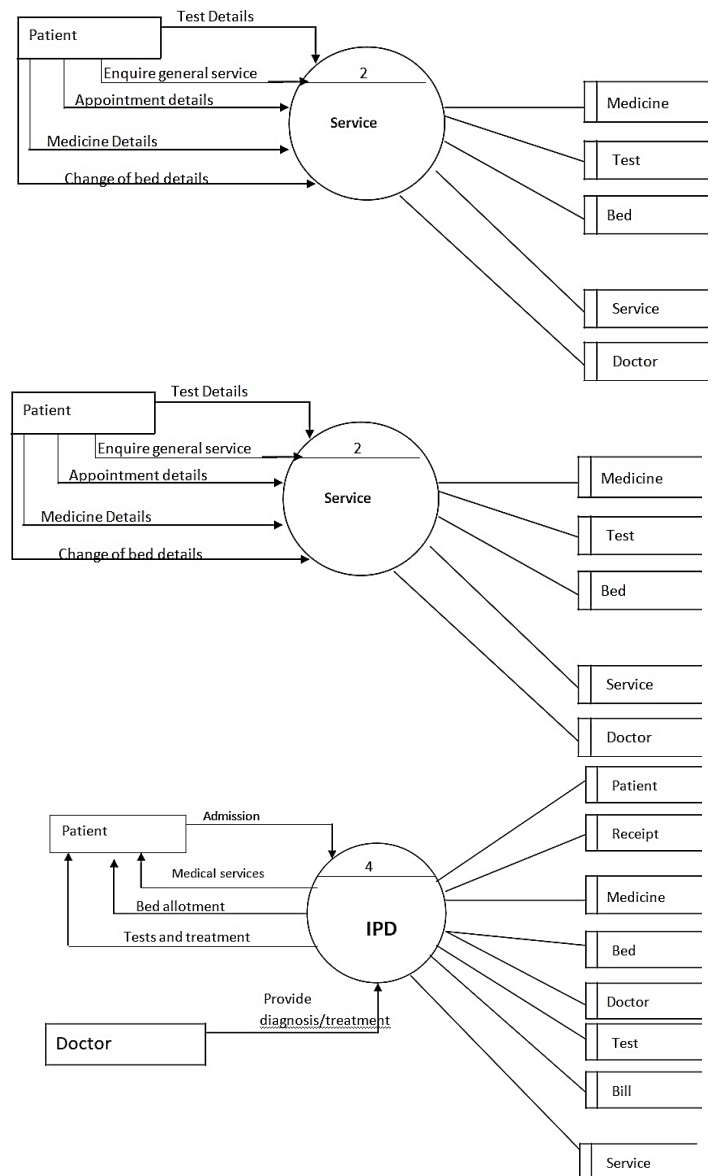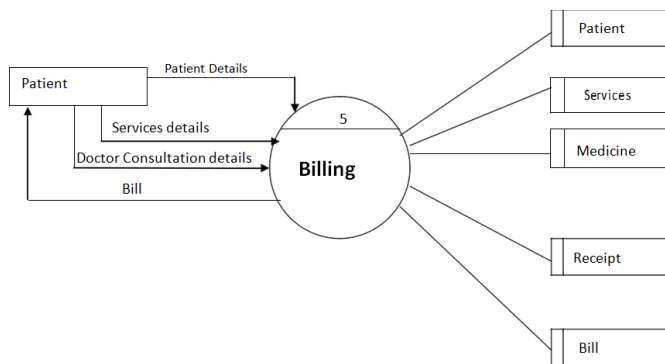
MODULES:
The entire project mainly consists of 8 modules, which are

- ✓ Admin module
- ✓ Receptionist module
- ✓ User module (patient)
- ✓ Doctor module
- ✓ Nurse module
- ✓ Pharmacist module
- ✓ Laboratorist module
- ✓ Accountant module

IV. DESIGN

DATA FLOW DIAGRAM:

V. CONCLUSION

Since we are entering details of the patients electronically in the" Hospital Management System", data will be secured. Using this application we can retrieve patient's history with a single click. Thus processing information will be faster. It guarantees accurate maintenance of Patient details. It easily reduces the book keeping task and thus reduces the human effort and increases accuracy speed.

VI. REFERENCES

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