**HEALTH CARE**

Health Care app will be useful in the hospital to manage the whole hospital related matters. The Healthcare is designed for Any Hospital to replace their existing manual, paper based system. The system can also handle fixed-cost package deals for patients as well as Doctor Consultation and Scheduling, Doctor Consultancy Fees and Time Allocation. The new system is to control the following information; patient information, 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. This helps in implementing customer relationship management and also maintains medical history of the patient.

The **Doctor module** consists of six categories they are viewing appointment, view surgery details, patient information, test reports and operation reports, Time allocation. In each category the doctor can view the details by entering their doctor id and know their works and assign their schedule according to that and also can know the patient test results and the operation result which the employees going to update. The **employee module** consist of three categories Operation Theater, pharmacy and the medical test. In the operation theater category the employee will update the operation details and the doctor referred for that operation from which the doctor can view the surgery details by view surgery details. The pharmacy the employee in the pharmacy will update the medicine cost which will be accessed by the receptionist to prepare bill. And in the medical test category the employees will update all the details about the test which will also be viewed by the doctor directly. The **reception module** consist of six category they are fixing appointments, patient information, surgeon allocation ,discharge details, pharmacy details and doctor visit time. The reception module fixes the appointment for the patient based on the doctor visit schedule which the time will be allocated by the doctor. The patient information includes the patient registration and the doctor allocation related to the patient needs. The surgeon allocation can also be done in this module by referring the doctor visit schedule updated by the doctor and the doctors can view the surgery for the day. The pharmacy details category consist of viewing the medical bill for the patient forwarded by the pharmacy to the reception which will be useful for the receptionist to produce bill. The discharge details consist of the patients discharged date and their details about the fees and the referred doctor for the patient.

**EXISTING SYSTEM:**

Hospitals currently use 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. Often information (on forms) 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.

Disadvantage:

1. Maintain Patient Details Is very hard.
2. It is very burden to hospitals.

**PROPOSED SYSTEM:**

The Healthcare data is designed for Any Hospital to replace their existing manual, paper based system. The new system is to control the following information; patient information, 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.

Advantage:

1. Cost is very less to hospital managements.
2. They can manage their data in systems very easily.

**Problem Statement**:

 Health care delivery is a multidisciplinary practice that requires coordination of care among different professions and provider types. However, health care providers often do not understand other disciplines’ daily responsibilities, teamwork, and communication issues, which inhibit the effective coordination of patient care.

**MODULES:**

* DOCTOR MODULE:
* View Appointments
* View surgery details
* View patient information
* View test reports
* View operation details
* Time allocation
* EMPLOYEE MODULE:
* Operation theater
* Medical test
* Pharmacy
* RECEPTION MODULE:
* Fixing appointments
* Patient registration
* Surgeon allocation
* Discharge Details
* Pharmacy details
* Doctor visit time

**DOCTOR MODULE:**

The **Doctor module** consists of six categories they are viewing appointment, view surgery details, patient information, test reports and operation reports, Time allocation. In each category the doctor can view the details by entering their doctor id and know their works and assign their schedule according to that and also can know the patient test results and the operation result which the employees going to update.

**EMPLOYEE MODULE:**

The **employee module** consist of three categories Operation Theater, pharmacy and the medical test. In the operation theater category the employee will update the operation details and the doctor referred for that operation from which the doctor can view the surgery details by view surgery details. The pharmacy the employee in the pharmacy will update the medicine cost which will be accessed by the receptionist to prepare bill. And in the medical test category the employees will update all the details about the test which will also be viewed by the doctor directly.

**RECEPTION MODULE:**

The reception module fixes the appointment for the patient based on the doctor visit schedule which the time will be allocated by the doctor. The patient information includes the patient registration and the doctor allocation related to the patient needs. The surgeon allocation can also be done in this module by referring the doctor visit schedule updated by the doctor and the doctors can view the surgery for the day. The pharmacy details category consist of viewing the medical bill for the patient forwarded by the pharmacy to the reception which will be useful for the receptionist to produce bill. The discharge details consist of the patients discharged date and their details about the fees and the referred doctor for the patient.

**SYSTEM SPECIFICATION:**

**Hardware Requirements:**

* System : Pentium IV 2.4 GHz.
* Hard Disk : 40 GB.
* Floppy Drive : 1.44 Mb.
* Monitor : 14’ Colour Monitor.
* Mouse : Optical Mouse.
* Ram : 512 Mb.

**Software Requirements:**

* Operating system : Windows 7 Ultimate.
* Coding Language : JAVA
* Front-End : Eclipse
* Data Base : SQLite Manager