Aim: To develop a Dtaa Flow Diagram for a healthcare management system.

Theory:

Data flow diagram:

Data flow diagram is a visual representation of the information flows within a system. It shows how the data enters and leaves the system, what changes the information and where data is stored. It also gives insight into the inputs and outputs of each entity and the process itself.

It does not have control flow and no loops or decision rules are present.

Levels of Dtaa flow diagram:

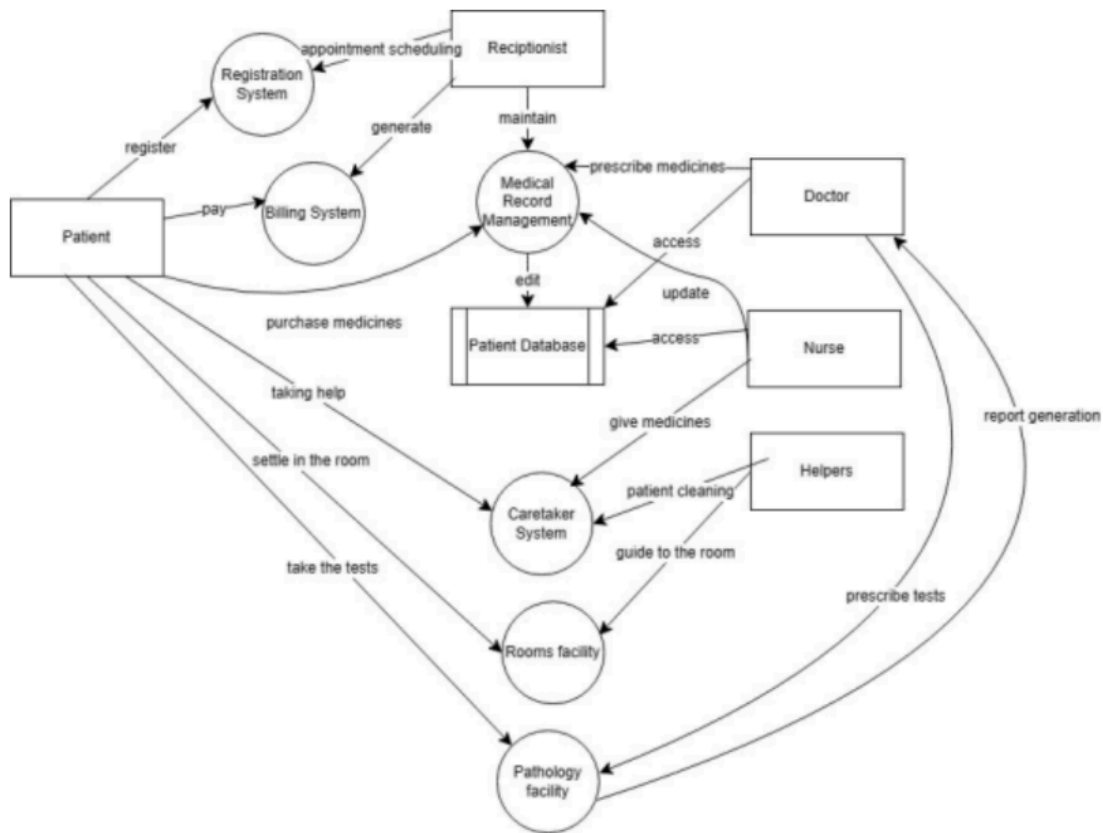0-level: represents the entire system

1-level: represents the main functions

2-level: represents the processes

3-level: represents data flow

Advantages of data flow diagram:

1. It is very easy to understand since it is a graphical representation

2. Represents detailed and well explained diagram

3. It can be understood by both technical or non-technical person

Conclusion:

I have successfully developed a data flow diagram representing a healthcare management system using draw.io tool which includes the following processes:-

1. Registration System

2. Billing System

3. Medical Record Management

4. Caretaker System

5. Rooms Facility

6. Pathology Facility