

Description of The Database Project

Group No. : 14
Members : E/17/027, E/17/219
Name : Hospital Management System

This database is built to computerize the basic functionalities of a hospital and to provide easy maintenance while enhancing the productivity of the hospital by providing a variety of features which can be accessed by different types of users. Most of the major features and the types of users of the Database are given below;

Features of the Database

- 1.This database has an entity type called EMPLOYEE, which represents all the employees of the hospital. This feature helps to add new employees, drop a released employee, or make modifications to an existing employee record.
2. The patients are provided with a datasheet when they come to the hospital. In that form a patient is asked whether he/she would like to give permission to store their information in the database. If he/she agrees to that, that patient's record is stored in the database permanently. This can be used to;
 - For doctors to keep track of the health status of the patient, when they are admitted to the hospital.
 - To know the medical history of a particular patient in case of an emergency such as vehicle accident or such situations
 - To store the medical reports/tests of the patient
3. Managing the monthly wages of the employees.
4. Managing the information in the pharmaceutical department while keeping track of the availability and the shortages of medicines and much more!
- 5.This database will help the hospital ward manager to easily maintain the functionality of the ward by keeping track of which patient to discharge, which doctor is scheduled to examine the patient and etc.
- 6.Helps to enhance productivity while keeping information about each section of the hospital such as laboratories, ICU and operation theatre.

Users of the Database

1.Admin of the database.

-Admin of the database accesses the database in a maintenance break. He manages the database while making modifications to it.

2.Doctors

-Doctors refer to the database when treating patients. The database is mostly used to keep an eye on each patient's health status and medical reports.

3.Pharmacists

-Pharmacists use the database to keep track of what medicines to refill , and other economic information of the pharmacy

4.Ward managers

-They refer to the database when discharging the patient etc.

5.Staff in charge of the payroll

-People in the payroll department mostly use the database when monthly wages calculating, overtime hours managing.