Project #18

Advanced Hospital Management System

1. Overview

Main aim of this project is to implement a online software application for maintaining drugs information, patients information, medicines information and doctors information in a single application. This system will reduce manual work for maintaining records in files. Using this system data is maintained in database and data retrieving and updating is easy process and old data can be easily retrieved. Doctors and patients can view this data from anywhere which will save time. This application is also useful for pharmacist to inquire about the drugs and update information about drugs to database.

1. Platform requirements

|  |  |  |
| --- | --- | --- |
| Hardware/Software | Hardware / Software element | Specification /version |
| Hardware | Processor | Intel core to duo |
| RAM | 1 GB |
| Hard Disk | 100 GB |
| Software | OS | Windows XP |
| Java Related IDE | Java 5.1 |

1. Module Identification

Following are the modules that comprise the system

|  |  |
| --- | --- |
| Serial Number | Name of the Module |
|  | Billing Module |
|  | Diagnosis Information Management Module |
|  | Control Module |
|  | Security Information Management Module (Administration module) |

1. Function Identification - module wise

|  |  |  |  |
| --- | --- | --- | --- |
| Module Number | Module Name | Function Serial | Function Title |
| 1. | Billing Module |  | To generate the payment details of patient |
|  | To update/edit the payment details of patient |
|  | To query the payment details of patient |
|  | To generate the payment report (bill) of patient |
| 2. | Diagnosis Information Management Module |  | To generate the diagnosis details |
|  | To update/edit the diagnosis details |
|  | To query the diagnosis details |
|  | To generate the diagnosis report |
| 3. | Control Module |  | To display banner of hospital |
|  | To display the main menu and pass control |
|  | To integrate all the modules |
|  |  |
| 4. | Security Information Management Module (Administration module) |  | 1. To create user name/ Password table |
|  | 2. To edit table |
|  | 3. To query table |
|  | 4. To Display table |