1. **INTRODUCTION**

**1.1. BACKGROUND OF DIGITAL STAR**

Digital star ltd is a private company specialized in web based and desktop software development.

It was created by the partnership of the three engineers specialized in software development by profession and information technology systems consultancy.

**1.2. WHY STAR RECORDS SYSTEM**

After discovering that all health centers establish manually the reports and invoices submitted to insurers for payment, we found that these reports delayed for weeks or months because of their hardness of drafting.

A part this hardness figured out above most of the time these reports contain errors that can cause financial losses some times without the knowledge of managers.

To lighten these tasks the founder of Digital Star Ltd and his partners as developers, they had the idea to construct a system that can perform this task electronically that is the origin of Star Record System.

Star Records System is a useful tool for good management of health centers and hospitals , it is specialized in the establishment of various reports with different partners, especially invoices to different insurers and management reports .

Addition to that, Star Records System allows the users to record information about patients and generate reports when needed such as INZONE, OUTZONE and OUTDistrict patients, track of how medicines are distributed.

Star Record System as mentioned above is a web based system, therefore it is accessible through internet all data are stored on the server located in the premises of the owner.

Domain names and first hosting online are included in the payable amount, servers and other hardwares are provided by the customer but when needed they can be provided with different bill.

2. **STAR RECORD SYSTEM INTERFACES**

**2.1 To start the application**

To start the application is as simple as to type domain name **in** the address bar of your web browser and you are done.

**2.2. Login**

In order to start the application the user has to provide the **username**, **password** and the task to perform.

Only the administrator using password has the rights to register users and give them rights according to their daily activities relation to the system.

The administrator password is provided with the system when handed to customer.

**2.3. Main Page**

When username and password are correct the user is directed to the main page where most of tasks are executed.

Every type of user has the interface related to his tasks therefore he will access only pages and menus that allow him to do what he is supposed to do.

**2.4. Logout menu**

The logout menu allows the users to logout from the current page when clicked.

**2.5. Patient consumptions**

The purpose of this menu is to record all the consumptions of a patient, when clicked the form that allow record consumptions appears.

**2.6. Billing**

The billing menu facilitate the establishment of bills to be transmitted to insurers such as Mituelle de sante , RSSB, MMI, MEDIPLA and others.

**2.7. Reporting**

This menu allows to perform management reports needed to fulfill administrative requirements based on accurate and complete information the reports generated through this menu are:

* + Hospitalized patients(inpatients)
  + Not hospitalized patients
  + Inzone, outzone and outdistrict patients
  + Various insurers and patients assured by them
  + List and consumption of not insured patients

**2.8. Edit**

It is possible to edit the price or the naming of medicines of services provided to patients in health center.

Therefore the user can edit name or price of Medicine, consumables, medical acts or laboratory tests.

**2.9. Track Medicines**

In health centers it is very important to have a track of medicines in order to have full knowledge of how medicines have been used. In this case during the distribution of medicines to patients all these consumptions are stored somewhere in database and being recovered when needed.

This track shows date, quantity, unit price, total price at a certain date.

This part coverers all required information to manage stock of medicines in health center.

**Notes:**

1. It is possible to determine the range of time based on dates in which

You can retrieve information according to that range of period.

1. It is possible to export every report in excel and being processed as excel file.

**3. Recommendations**

* You report what you recorded, in order to have good report the user must feed the system all information needed from patient correctly and efficiently.
* It is advisable to record daily the data into the system to prevent overload of unsaved data.

Another important point is that the date of storing data in system is referred as date of computer system. Therefore to disturb the date of computer system (operating system) will cause the disturbance of dates in reporting.