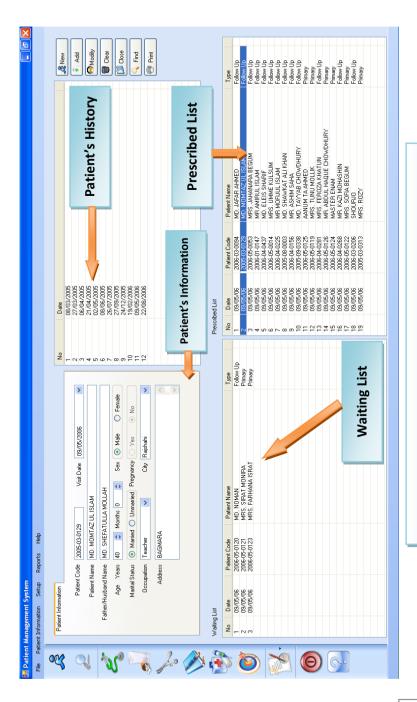


Patient Management System

your ultimate patient management software







Patient Management System Main Window

Patient Management System

At a Glance

Patient Management System (PMS) is a software to help doctors to manage their chamber and patients. It features a comprehensive waiting patients' list management, setup of diagnosis, advices, diseases and surgery, database management, intelligent medication and multilanguage support. It can run seamlessly in multiple PCs or in a single PC.

Our main features include:

- ♣ Management of waiting & prescribed patient's list
- **♣** Intelligent Setup to facilitate medication entry
- Prescription in both Bangla and English
- ♣ Research on patient's personal and treatment information
- ♣ The software can work in both networked or single mode
- ♣ See patient's full history
- **♣** Intelligent search features
- Prescription modification
- **♣** Complete setup portions to customize your need
- ♣ Special text in both Bangla and English
- Database backup and restore facility
- Automatic database backup
- Ease of use

Features of Patient Management System



🚄 Waitina Patient's List Management:

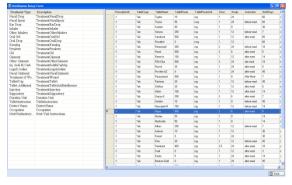
You can add primary and follow up patients to your waiting patient's list. You just select the date at which you want to add that patient, and the list of waiting patients at that day is shown.



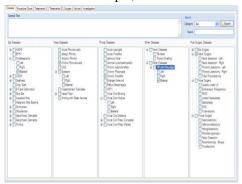
Intelligent Setup to Facilitate Medication Entry:

Most important part of the software is medication entry. And we gave our best effort to make this as easy, comfortable and quick for the doctors as it

can be. It has been noticed that there are few medicines (May be 100 at most or so) that doctors have to prescribe every now and then. The user needs to save these medicines details of its dosages. when Now. he chooses the medicine



from the list in the treatment part, all the other details like dose, durations etc. are automatically filled. There are two levels of hierarchy. Priorities are first grouped on medicine type and then on medicine name. For example, when the user chooses Tablet category, among all the medicines belonging in tablet category, the top priority entry is selected and all the information are filled. For example, if there are three tablets: Paracitamol, Flagil and

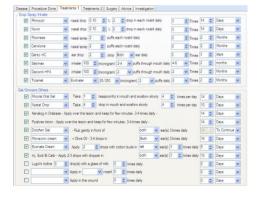


Oradin in the tablet category and their priority are set to be 1, 3, and 5 respectively then when the user chooses "Tablet", the row is filled with a11 the necessary information prescribe to Paracitamol. If you need to select "Flagil", you can either select it from the list, or you can write down and eniov intellisence to select the drug.

Our second level priority works on each of the medicines. If there are 4

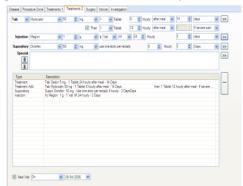
variations in prescribing Paracitamol, then the user can switch between them using the keyboard shortcut (F11).

This facility is quite helpful for our users. According to them, a doctor may prescribe a few common medicines in more than 90% of the prescriptions. Our users have appreciated this facility.



Multilanguage Support:

Many of our patients are from rural areas, and it gets difficult for them to understand the advice and medication information if these is written in English. It would be easy and most appropriate for them if they can get it in Bangla. So we added Bangla support in such a way that it is easy to prescribe for the doctors and easy to understand for the patients! In the setup



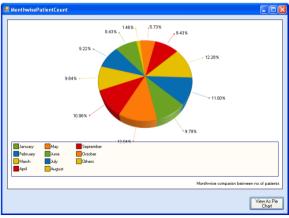
portions, once you entered the minimum information in Bangla corresponding English, to then English and Bangla prescription is as easy as choosing a language. understand that most of the doctors would feel at home in English. So prescription entry is in English and when you go to print this prescription, you

choose the language option, and prescription is printed in that language- as easy as that.

🤻 Research Capabilities:

Doctors often need to make a research on different aspects of their patients and their medication histories. So, besides a complete search based on the patients' personal information, we have also provided an intelligent search capability on the medication histories of patients. You can use it to find

unknown facts of your patients. We also provide the facility of graphical representation of the results found from our software using pie charts. Bar charts, etc. It can be useful for verv professors to make attractive multimedia presentation in



medical conferences and such purposes.

Networked or Single Mode:

This software can be used in a client server network mode or in a single PC mode. In networked mode, one computer is used as a server, and others are used as clients. All these computers work seamlessly and everyone sees the same thing. Whenever an update is made, say a new patient is added in the waiting patients list, the change is reflected in all computes. You can use one printer and can print in that from all computers in that system. Not only this, as long as your server is unchanged, you can add more and more client PC's as you need. You do not need to configure the software for this.

See Patient's Full History:

There are the lists:

- 1. Waiting Patients list
- Prescribed Patients list
- 3. Patients history

Whenever you select a patient from prescribed patients list or waiting patients list, the treatment history of that patient is shown in the third list, from where you can open and modify the old prescription. You can save the modified prescription and can also save it as a new prescription at the current date.

Intelligent Search Features:

Searching is needed for many purposes. You may need to find the previous prescriptions of a follow up patient who lost his/her previous prescriptions and don't know his/her patient ID. With our intelligent search engine you

are guaranteed to find that patient within a few seconds. Searching can be done based on all possible information of that patient - name, age sex. occupation. range. district, address, code etc. Even if you enter a part of the name of your patient, it can find all the patients have that partial name in their names. Whenever vou select



patient from the list of patients that match your given criteria, his/her medication history is shown. You can open his/her previous prescriptions from there and make necessary changes.

APrescription Modification:

You may need to modify a prescription after you have created it. After opening the prescription, make necessary corrections and then choose "Save as Old" option. Some times doctors may find that a follow up patient needs the same medication with minor modification of his/her previous prescription. So we added an option "Save as New". You can open an old prescription, make necessary changes and choose to save it as a new prescription. We found our users very happy with this solution.

Complete Setup Portions to Customize Your Need:

As a doctor, or someone involved in the medical sector, you can understand



that list investigations. diseases. advice, procedure done and intelligent medication entry can help you to avoid unnecessary typing and can speed up your prescription entry much faster than you imagine. Therefore we have made setup portion that would be very convenient for your use.

Special Text in Both Bangla and English:

Sometimes, doctors need to add special text in the prescription that cannot be specified otherwise and do not fall into any predefined category. To meet this requirement, we added a special text facility in treatment entry portion where users can write down any text in Bangla or English. A special text facility is also provided in Investigation, Disease, Advice and Procedure done sections to make special entries there.

Database Backup And Restore Facility:

Computers can crash. And what it will feel if your computer crashes and you have lost all the data you have entered in the system for the last several years? If you see at some day that medication history of some 15000 patients is lost, it will not feel good and cause you a lot of trouble. So we provide you with the database backup and restore facility. And you do not need to be a Database Administrator/Specialist to do this. We have done it easy for our users. All you need is to select "Backup Database" from the menu, choose the destination directory for the backup file, and give it a name and press "Ok". Done. Database restoration is also easy. You need to choose "Restore Database" from the menu, choose the backup file and press "Ok".

Automatic Database Backup:

This software is configured to automatically backup the database after a fixed interval. And thus save you from the situation that you have accidentally done something that you do not want to do and find an annoying situation.

Ease of Use:

We did not provide any clumsy and unnecessary features in the software because that makes it difficult for the users to use the software efficiently. Rather we wanted to make it very easy for the user so that very little computer knowledge is required. Everywhere we provided intelligent sense (we call it intellisense) so that minimal typing is required. We have provided provision of using both the mouse and keyboard in almost everywhere, because we found that some users feel it easy to do everything with keyboards. We gave our best effort for our users, and we are ready to facilitate them with extra features to meet their requirements.

Our Services

🚣 Training:

We will provide adequate training for the users of the system. We will train all the functionalities of the system. A user with little or no computer using experience will be able to use the software.

Documentation:

We provide top quality documentation. Users can find every aspects of the software in it. These multimedia documentations help users to know what the system can do as well as how to do every thing that he/she needs. Besides we will provide video tutorials of every task so that the user can find what he/she needs to know quite easily.

& Help Line:

Our helpline is there for you 24×7. You can contact us at any time, and we will provide service in the shortest possible time.

Name: Mrs. Mahfuza

Age: 28 Years

Sex: Female

Type: Primary

Code: 2007-04-0227

Date: 24/04/2007

Disease

Atrophic Rhinitis with Chronic Rhinosinusitis with DNS

Treatment

- 1. Cap Sk-Cef / Avlosef 500 mg 1 Capsule 12 hourly before meal 10 Days 2. Tab Reset 500 mg 2 Tablet 6 hourly after meal If pain

Surgery

Nose Surgery - FESS + Septoplasty

Advice

Wash both nostrils with salt and warm water Avoid dust, fume and cold

Investigation

- Haematological Blood Grouping, CBC Digital X-rays - Chest X-ray P/A view
 - Hepatitis Anti-HCV, HBsAg Heart - ECG
 - Sugar Profile RBS

Next Visit: For Opeartion Date

Sample Prescription in English

Name: Mrs. Mahfuza

Age: 28 Years

Sex: Female

Type: Primary

Code: 2007-04-0227

Date: 24/04/2007

Disease

Atrophic Rhinitis with Chronic Rhinosinusitis with DNS

Treatment

- Cap Sk-Cef / Avlosef 500 mg ১ টি ক্যাপসুল ১২ ঘন্টা পরপর খাবার আধ্বন্টা আগে ১০ দিন
 Tab Reset 500 mg ২ টি ট্যাবলেট ৬ ঘন্টা পরপর খাবার পর বাথা হলে

Surgery

Nose Surgery - FESS + Septoplasty

Advice

- ধুলা, ধোঁয়া ও ঠাভা থেকে দূরে থাকবেন দিনে ৪-৫ বার লবন-গরম পানি দিয়ে নাক পরিষ্কার করবেন

Investigation

- Haematological Blood Grouping, CBC Digital X-rays - Chest X-ray P/A view
 - Hepatitis Anti-HCV, HBsAg Heart - ECG
 - Sugar Profile RBS

Next Visit: অপারেশনের তারিখ নিতে আসবেন

Sample Prescription in Bangla

About Us

T² **Software** has started with the goal to satisfy their honorable customers. Our motto is to provide the solutions of your IT problems and make the best use of you effort and money. "We work to make your work easy." - We believe it and want you to believe it.

Our Software Development Team is small, but we work with the best. All of our software designers are from the Computer Science and Engineering Department of BUET, having excellent academic as well as System Analysis and Designing records.

22Our valued clients:

- ♣ Dr. Zaheer Al Amin, Associate Prof. and Head of ENT & Neck Surgery, BIRDEM, Dhaka
- Dr. Iftekhar Rashid
- Ryans Archive
- ♣ Asiatic MindShare LTD. (Unilever Bangladesh)
- ♣ Asiatic MindShare LTD. (NUBL)
- ♣ Asiatic Marketing Communications LTD
- ♣ Media Consultant LTD. (MAXUS)
- Media Edge CIA
- Rahat Accessories Intl. Ltd.
- ♣ Fariha Accessories Intl. Ltd.
- Marigold Accessories Ltd.



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