Resource Scheduling System

OBJECTIVE:

MIC is multipurpose identification card .It is a unique identity given to every citizen which is used to access government schemes/services .The individual details are stored against the MIC in the CDBS (Centralized Database Server)

GVK (Grameen e-Vikas Kendra) is a service center, which will be set in each village and connected to CDBS through a wireless network. Each citizen can utilize the government services through this GVK with the help of his/her MIC.

Now a day's health services offered by government and private hospitals are not properly reaching to one and all, there is no accountability for any doctor/hospital/lab. Accountability means accounting information of a particular doctor/hospital/lab in accordance with their success rate against their failure rate; from how many years he/she had been practicing as a doctor.

Proposed System

To overcome the above problems we proposed this new system

"MIC BASED HEALTH SERVICES AT GVK"

What is MIC?

• 	MIC is a Multipurpose Identification Card.

• 	It is a unique it given to each and every citizen.

• 	Details of each and every individual are stored against this MIC in a centralized database server.

CDBS

• 	Details of each and every individual are updated regularly by administrator at CDBS.

• 	One can utilize the services/schemes offered by government departments by using this MIC

- It is a substitute for cards like ration card, driving license, voter ID card etc.

What is GVK?

- GVk is a Grameen e-Vikas Kendra.

- It is set up at each and every village and connected to CDBS through a wireless network

- Services/schemes offered by government are utilized by every citizen at GVK by using hi/her MIC

- Mentors at GVK will guide the people who come there.

- They will guide the patients who comes there to avail the best of the health services offered by the government and private hospitals

- With this setup we could avoid this paper based communication and enter into paperless e-Governance.

BACKGROUND:

If you take a village there is no facility of multispecialist hospitals, specialist doctors, labs, medical shops. If a person wants to take a treatment he has to go to nearby town to avail all the services, but they don't know how to approach to get the treatment. RMP/PMP (Registered Medical Practice/Private Medical Practice) doctors take this as an advantage and encashing through by making contacts with doctors in the nearby town.

So with the help of GVK we can overcome the entire above problem and we can offer the best of the health services to all.

Platform used to develop this software is MS.NET as front end and SQL SERVER as back end. This software is assigned by NIC (National Informatics Center).

This project entitled "RESOURCE SCHEDULING SYSTEM. This project mainly useful for allocating task to the employees in a hierarchical way in IT Companies. In order to allocate task to a wide network of organization, this software will play an active role in the allocation of resources to different departments and for different roles. Task is being given for each employee who can get their scheduled program with the time chart.

These activities are computerized and developed using ASP.NET. For the database purpose the local database SQL 2008 is used. This will help to use the system very easy to handle.

<u>**Existing System**</u>

Now-a-days every doctor working in government hospitals are going with wrong steps to earn more money i.e., putting private Hospitals/Clinics and giving wrong treatment to patients and encashing more money from them.

We divided the existing system in to two different categories:

- ➢ Services offered by present system.
- ➢ Problems in present system.

Services offered by present system

- • Government providing health services at government hospitals.
- • Private hospitals are also providing health services but charging more money.
- • Blood / Eye banks stores blood / eye and give to required person.
- • Professors in medical colleges guide students to become doctors.
- • Doctors at government hospitals act as a professors in medical colleges.
- • A pharmacist explains doctors about newly manufactured medicines and takes feedback.
- • Lab technicians process the tests written by doctor and submit report.
- • Certificates and services offered by doctors are inspected by government health department.

Problems in present system

- • Health services are not reaching to the rural areas.
- • PMP/RMP doctors offer improper medicines due to the lack of medical Knowledge.
- • Unnecessary medical tests are conducting in private hospitals for encashing more money from patients.
- • Patients are effecting badly due to careless treatment of doctors.
- • Lack of awareness about viral diseases in rural areas.
- • Improper composition of medicines leads to lot of side effects.
- • Donors blood should be tested before taking blood from them otherwise it leads to effect of some diseases.

• Minimum infrastructure and hygienic conditions are not properly maintaining in some Government/Private hospitals.

• In Pharmaceutical companies, improper composition of medicines will cause the side effects.

FUNCTIONAL REQUIREMENT:

This project consists of the following modules:

1. Business Analyst
2. Project Manager
3. Project Lead
4. Team Lead
5. Team Member
6. Administrator

Login

This module is used to get the information about the user. User name, User password are the inputs of this module. The user without knowing the appropriate name, password can't be able to go inside the system.

The flow of the Resource Scheduling System starts from Login page.

About Business Analyst:

The business analyst will bring the project from the client and give it to the project manager.

About Project Manager:

The project manager will divide the project into modules and assign it to the respective project leads. The status of work done by the project leads are viewed by the project manager. The task given by the business analyst is viewed by the project manager.

About Project Lead:

The project lead will divide the modules into some tasks and he will assign them to team leads. Project Leads send the status to their respective project manager. The work done by the team leads are viewed by the project lead. The task given by the project manager is viewed by the project lead.

About Team Lead:

The team lead will divide the task into subtasks and he will assign them to team members. Team Leads send the status to their respective project leads. The work done by the team members are viewed by the team lead. The task given by the project lead is viewed by the team lead.

About Team Members:

The team members will perform the subtasks given by team lead and they will send the reports to their leads. Team Members send the status to their respective team leads. The task given by the team lead is viewed by the team member.

About Administrator:

The admin can perform the following tasks:

•   New Employee
•   Edit Employee
•   Delete Employee
•   Add a department

New Employee:

If the new employee was appointed to the organization then the admin will add him to the employee list in the organization.

Edit Employee:

If the details of the employee should be updated then the admin will edit his details.

Delete Employee:

If the employee leaves the organization then the admin will delete the entry of the employee from employee list.

Add a department:

If any department is to be added then admin will use this option.

NON-FUNCTIONAL REQUIREMENT:

Scalability - The system can be scalable from small to a large business.

Availability – This management system will be available for 24*7 hours. It is a web based application and runs on the IIS server.

Usability – This system is very user-friendly. The UI design uses the HTML (Hyper-text markup language), CSS (cascade style sheet) for making the very user friendly design. Anyone can easily use this system with minimal training of work flow in it.

Security requirement - The system should take care of all required security of data and intellectual property of the organization. It have SSL security feature in it. And there will be login facility with password protection.

Economical – No addition hardware and softer infrastructure is needed. Since the operations are simple and easy to handle no special training is needed. The system finally provides an extensive customer support package.