MATERNAL HEALTH ACTIVISTS SYSTEM

ABSTRACT

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This project **"Maternal Health Activists System"** is an online software created for storing details of ashaworkers and their activities in particular wards of a gramapanchayath. Ashaworkers are allotted by health department for mobile health care activities. Mainly they include maternity care and child care. This project is used for tracking the materns and new born in the admitted wards of ashaworkers.

An Accredited Social health Worker(ASHA) is a community health worker instituted by the government of India's Ministry of Health and Family Welfare(MoHFW) as a part of the National Rural Health Mission(NHRM).

The modules in this system are :-

1. Admin
2. Ashaworker
3. User
4. Registration
5. Login

MODULAR DESCRIPTION

A module is logically separate part of a program. It is a program unit that is discreet and identifiable with respect to compiling and loading. A system is considered to modular if it consists of discrete components so that each component can be implemented separately and a change to one component has minimal impact on other components. Modularity is clearly a desirable property in a system. Modularity helps in system debugging – isolating the system problems to component is easier if the system is modular.

In system, repair or changing a part of the system is easy as it affects few other parts and system building. A modular system can be easily build by putting its modules together.

The proposed system is divided into five modules: -

1. **The administrator module**

The admin here indicates one of the employee of MoHFW who has control over the entire activity of ashaworkers.

The duties are:

- Add
  - -state
  - -district under each state
  - -Panchayaths under each district
  - -wards
- View registered asha workers
- Approve asha workers
- Delete asha workers
- View monthly report send by ashaworkers
- Send feedbacks on report

2. **The Asha worker module**

The main working people in this project are these people. And the functionalities of this module are:

- View registered users under their ward
- Approve users
- Send feedbacks for users after checking their details
- Collect and keep details of every newborn
- Send reports for the admin collected each month respectively
- View notifications/feedbacks sent by the admin
- Store immunization details of child

3. **The User Module**

Here the users refer to the pregnant ladies. They need to fill up the required details asked by ashaworkers. They can also get notifications from their ashaworkers. Users can also view the immunization details of their child.

4. **The Registration module**

The ashaworkers as well as users need to register officially, with prefed user name and password.

5. **The Login module**

Admin, asha worker and user can login to their on account to perform certain functions. Only the approved asha workers and users are allowed to login.

SYSTEM STUDY

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This stage involves studying the existing system and interacting with the users, which determine user requirements and their expectations of the proposed system. Cost of incorporating changes required by the user is very less at this stage that steeply increases as development advance. System study is a general term that refers to an orderly, structured process for identifying and solving problems. The first phase of software development is system study. The importance of system study phase is the establishment of the requirements for the system to be acquired, developed and installed. Analysing the project to understand the complexity forms the vital part of the system study. Problematic areas are identified and information is collected. Fact finding or gathering is essential to any analysis of requirements. It is also highly essential that the analyst familiarize himself with the objectives, activities and functions of organizations in which the system is to be implemented.

System study works with users to identify goals and build systems to achieve them. System study is an important phase of any system development process. The system is studied to the minute details and analysed. The system analyst plays the role of an interrogator and dwells deep into the working of the present system. In system study, a detailed study of these operations performed by a system and their relationships within and outside the system is done.

The system is viewed as a whole and the inputs to the system are identified. The outputs from the system are traced through various processing. During system study, data are collected on available sources, network data centres handled by the present system. Once system study is completed, the analyst has a firm understanding of what is to be done. If the information gathered in the system study is not enough to make a good software application, then we have to reschedules a new system study. Cost of incorporating changes required by the user is very less at this stage that steeply increases as development advance.

EXISTING SYSTEM

Existing system refers to the system that is being followed till now. In this project first the admin login by password. Next the admin can use the facilities provided by the Maternal Health Activists System software of Indian government.

Limitations of Existing System

- Manual work.
- Consumes large volume of paper work.
- Time consuming.
- It needs experts.
- Accurately it needs to be computerized.

PROPOSED SYSTEM

The Maternal Health Activists System is user-friendly software. The main objective of the system is to create an open relation between the ashaworkers and mothers. It reduces the paper works of asha workers. The system is very simple in its design and implementation. The system requires very low system resources and the system will work in almost all configurations.

The main objective of the proposed system can be enumerated as follows:

The users can also take part in this Maternal Health Activists System online. Otherwise only the ashaworkers and admin was using the software. By this we can ensure high interactions between the usres and ashaworkers.

Advantages of proposed system

The system is very simple in its design and implementation. The system requires very low system resources and the system will work in almost all configurations.

- Security of data.
- Ensure the data.
- It is easy to use.
- Minimize manual data entry.
- Greater efficiency.
- User friendly and interactive.
- Minimum time required.