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**ONLINE VILLAGE MONITORING SYSTEM** 

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Abstract - Online Village Monitoring System is a web-based application implemented PHP using MYSQL Server as the database. The development of a country depends on the village's development. As part of the smart village concept, we need a system that helps in development of villages in the areas like Primary education, people's healthcare, Roads and Transportation, Drinking water facilities, government policies awareness and availability of basic facilities/infrastructure. This system helps the members to collaborate, plan, assess and implement different activities and learn with others experience/feedbacks and suggestions. The advancement of a nation depends upon the village's advancement. As part of the smart village principle, we require a system that assists in advancement of towns in the locations like Primary education, individuals' health care, Roads and Transportation, Drinking water centers, federal government policies awareness and schedule of fundamental facilities/infrastructure This system assists the members to team up, strategy, evaluate and find out and carry out various activities with others experience/feedbacks and tips. The entire process categorized into different modules like Admin module: The administrative module helps you to customize FirstSearch to meet the needs of your users. This module gives information that serves as the backbone for the rest of the system. Security issues are taken care of through this

module as well by defining user rights. Volunteer gives you module: Volunteer module an opportunity to help people in the villages by providing services like healthcare, Roads and Transportation etc. The voluntary services model is essential to understanding a victim's needs and offering meaningful support. Reporter module: Reporter module allows for the unattended processing of alarm signals and the reporters are employed to report news.

Index Terms – Primary Education, Drinking Water, Government Policies, Healthcare.

#### **I. INTRODUCTION**

Relevant and irrelevant information are entered and stored in the same place, which is very clumsy and untidy process. In case of big supermarkets, the existing system is computerized to some extent, but it is not fully automated to cover all the aspects of the village. The data entry, storing, and retrieval procedure is very inefficient. Further, there are chances of data misplacement and wrong data entry. The system is still very insecure and inflexible to adapt to user requirements.

- 1. More man power.
- 2. Lack of security of data.
- 3. Time consuming.
- 4. Consumes large volume of pare work.

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#### 5. Minimize manual data entry.

6. Minimum time needed for the various processing.

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PAGE NO: 2799-2802

- 7. Greater efficiency.
- 8. Better service.
- 9. User friendliness and interactive.

#### **III. EXPERIMENTAL RESULTS**

#### **Education Form**



**Hospital Form** 



#### **Medical Registration**

- 5. Needs manual calculations.
- 6. No direct role for the higher officials.
- 7. To avoid all these limitations and make the working more accurately the system needs to be computerized.

#### **II. PROPOSED WORK**

The proposed supermarket management system aims at full automation of big, medium, and mini village monitoring by making the system reliable, fast, user-friendly, and informative. It reduces paperwork, manpower requirement, and increases the productivity of the village. Using this application, one can add, modify, update, save, delete, and print details. The drawback of the existing system is that it is very difficult to retrieve data from case files. The manual system is so timeconsuming. The proposed system is very easy to operate. Speed and accuracy are the main advantages of proposed system. There is no redundancy of data. The data are stored in the computer's secondary memories like hard disk, etc. The proposed system will easily handle all the data and the work done by the existing systems. The proposed systems eliminate the drawbacks of the existing system to a great extent and it provides tight security to data.

#### Advantages:

The system is very simple in design and to implement. The system requires very low system resources and the system will work in almost all configurations. It has got following features

- 1. Security of data.
- 2. Ensure data accuracies.
- 3. Proper control of the higher officials.
- 4. Reduce the damages of the machines.



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#### **Medical Search**







#### **IV. CONCLUSION**

While developing the system a conscious effort has been made to create and develop a software package, making use of available tools, techniques and resources - that would generate a proper system. While making the system, an eye has been kept on making it as user-friendly, as cost-effective and as flexible as possible. As such one may hope that the system will be acceptable to any user and will adequately meet his or her needs. As in case of any system development processes where there are a number of shortcomings, there have been some shortcomings in the development of this system also. The project is still under modification.

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PAGE NO: 2799-2802

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