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AMBULANCE ALERT CELL

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Abstract: Emergency medical response in India is lagging behind other countries. This is partially because of lack of technology implementation at ground zero. To address the issue, we are introducing smart ambulance system. It would take India to competitive position in emergency services around the globe. Over the last few years, there is a revolutionary development in the field of Internet of Things (IoT). It can be used seamlessly & widely in large number of end system where subset of a large amount of data can be accessed and processed easily and powerfully. This is a mini project & this project is a desktop application. The project titled AMBULANCE ALERT CELL the emergency response wing. We available in 24/7, in any case of emergency admin make an alert to the difficult to search the records manually. This also requires a lot of hard work and time consumption to complete the task. Such situations may include human errors. In4 this existing system, the security of the information is also a risk. All the records are stored manually and it is not easy to prevent it falling into the wrong hands. As a result, the security of these records is always a challenging task.

Keywords: admin, user

I. INTRODUCTION:

The ambulance alert cell is an emergency respond wing it is a desktop application, two panels one is the admin handle the software, and the other is the user. The admin is the police and the hospital management handles the user. The admin is responsible for giving alerts and giving all the details of the alert to the ambulance user or the hospital management.

II. MODULES DESCRIPTION:

ADMIN MANAGEMENT

Administrator is the primary user who has the most or maximum control over the software. Administrator administrates over the entire activities of the system and has full control over what all happens in the shop. He/she is the only user who can see, change, or delete details of an existing staff. In ambulance alert cell the admin is handled by the police .The police (admin) are responsible for passing the information (alert) to the hospital (user) so that the user can take the corrective action.

USER MANAGEMENT

Hospital is the secondary user. He/she has limited privileges when compared to the administrator. They have functions like preparing bills etc. General interaction with the system is done with the help of the staff. In the Ambulance alert cell, the user is handled by the hospital management in which they are responsible for the supply of most modern ambulance with a staff. The user that is the hospital management use this application by registering the ambulance so the admin that is police can give an alert to the registered ambulance when there is an accident is happened on their area.

III. METHODOLOGY

Existing System

In existing system, there is not any technology to give an alert to the nearest ambulance without any delay if there is an accident occurred. Now a days almost 60% of the death are cause by the road accidents out of the 40% deaths are caused because of worsening of patient's condition this is because of lack of development in the medical field in order to overcome this condition we are providing ambulance alert cell this will manually giving an alert to the nearest ambulance and provide sudden response that chances of the patient's condition worsening before the arrival of the most modern ambulance.

Proposed System

The proposed system is interactive, highly user friendly and designed exclusively for the ambulance alert cell. The system covers almost all the functional areas of the Pets Management. The ambulance alert system is a database system used to store the information regarding the information about all the details of accident, place of the accidents, phone number, location etc. sends by the admin (police) to the ambulance owners(user). All the operations and activities related to the ambulance alert system can be carried out efficiently. The system manages a well-organized database for storing the resources that they are providing by the ambulance management. This helps us to eliminate the entering of invalid data. Most problems of manual system can be solved by this system.

Advantages of proposed system

- High processing speed.
- Easy to retrieve old records by using search feature
- We can analyze purchase details, employee details, customer details, supplier details, sales details and accounts details and pet's details.

IV. INPUT AND OUTPUT DESIGN:

Input Design

Input design is a part of overall design, which requires careful attributes. Input design is a process of converting user-oriented input into computer-based formats. The goal of designing input data is to make entry as easy, logical, and free from errors. Computers require necessary data for their functioning, hence input designs become an essential part of computer oriented information system. In input design user, oriented inputs are converted into computer-based formats. The goal of designing input data is to make data entry easy, logical, and free from errors as possible. Inputs are raw data that are accepted from the system and are processed to produce the output. The input records have to be validated, edited, organized, and accepted by the system before being processed to produce the output. We use some data entry screens for inputting different data. Input screens messages and careful programming can reduce input as errors to some extent.

Output Design

Computer output is the most important and direct source of information to the user. Efficient, intelligible output design should improve the system's relationship with the user and help in the decision-making. Outputs are important because it is the overall result of the effort spent on the work. Output design is the ongoing activity, started during the study phase itself. A major form of output is a hard copy from the printer. Print outs should be designed around the output equipment of the user. Output generally refers to the result and information data that are generated by the system. It can be in the form of operational documents and reports.



Fig 1 : Input design for home page

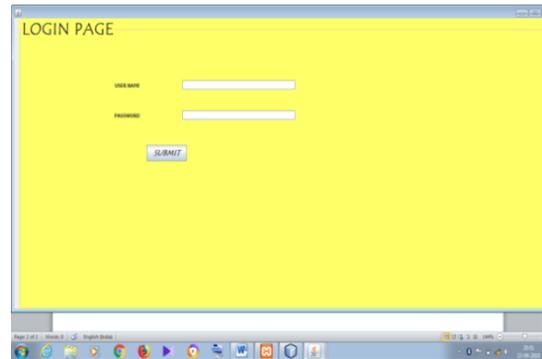


Fig 2 : Input design for login page

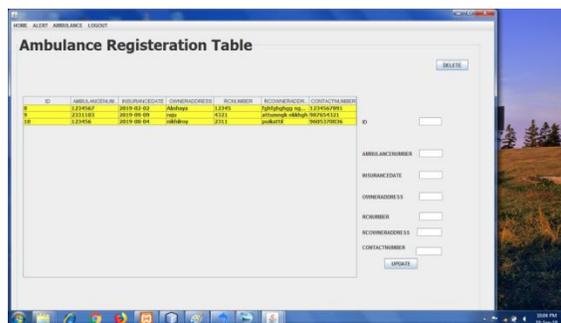


Fig 3 : Input design for registration form

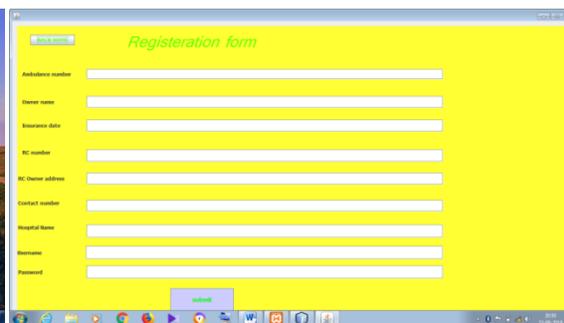


Fig 4 : output design for registration form

V. CONCLUSION AND SCOPE ENHANCEMENT

The over-ride resulted in a quicker ambulance response that reduced the chance of the patient's condition worsening before the arrival of our most modern ambulance with staff. It is beneficial for users in case of emergencies as it save time.

SCOPE ENHANCEMENT

Future scope of this project can be planned by using some of the similar concepts used in this project. In order to save lives there are many other factors which can be taken into consideration. Traffic is one of the most serious issues faced in day-to-day life. This can create delay for the ambulance to reach the hospital. Admin can help in this if they know the ambulance's current location in advance. For the same, admin will be provided with an application, which shows the current location of ambulance through GPS. Henceforth, traffic police will be able to clear the traffic in prior making way for the ambulance.

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