EPIC WATCH

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GOAL

- Having a system that declare an area as an epidemic zone.

PROBLEM

- Many people die due to the fact that they are not aware of a situation like Epidemic is in their area. This is due to the fact that there are no record so that some of these epidemic can be analysis

IDEA

- The occurrence in a community or region of cases of an illness, clearly in excess of normal expectancy.
- Normal expectancy within a time
  - An interface for the community to input the case by describing the symptoms, this is sent to the database.
- One needs to distinguish an abnormal rise in cases from a usual seasonal increase. History is needed.
  - In the database if the cases send is more than the threshold (comparing the history) then the system send an alert message
- To the authorities to declares the area as an epidemic zone and takes necessary action to find remedy for the situation.
- An alert message is send back to the community informing them of the epidemic.

SOLUTION

- The system takes the data send by the user in the remote area and compare it with it records.

- If the case is above the threshold then a message is send to the authorities.

- The authorities then can declare the area an epidemic zone and necessary action can be taken and send email back to the user .

- If it is not available in system, then it will forward to the online doctor. He will forward the proper medical prescription.

SOLUTION

- If it is not available in system, then it will forward to the online doctor. He will forward the proper medical prescription.

- Specific groups who are interested in the situation are informed.

- Then the records will be kept for future use

FUTURE IMPROVEMENT

- Trigger an automated mail and SMS .
- Location map .

TECHNOLOGIES

- Microsoft Visual studio 2010.
- Microsoft SQL Server 2008.
- Microsoft Silverlight .
- Microsoft Expression Blend 4

Questions