

Multi-agent Based Surveillance System for Diseases

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Abstract

In this paper the authors make a case for medical care practitioners and governments to harness the power of technology to improve surveillance of diseases. Thus, using the multi-agent technology based surveillance system for diseases as a solution to the surveillance problems facing the healthcare sector in Kenya and the entire continent of Africa. The current surveillance problem is as a result of disease cases being carried out in a manual, inefficient and ineffective manner. An agent oriented methodology –Prometheus was used in the analysis, design, implementation and evaluation of a program designed to assist medical care practitioners..

Keywords—*Surveillance; Muti- agent ; System; Diseases*