

1. AU2020102632 - SECURE SMART HEALTH CARE SYSTEM AND ANALYTICS THROUGH WIRELESS SENSOR NETWORKS



National Biblio. Data Description Claims Drawings Documents

PermaLink Machine translation

Office

Australia

Application Number

2020102632

Application Date

07.10.2020

Publication Number

2020102632

Publication Date

29.10.2020

Publication Kind

A4

IPC

G16H 10/60 G16H 50/20 G16H 50/80
G16Y 10/60 H04L 9/32

CPC

G16H 10/60 G16H 50/20 G16Y 10/60
H04L 9/32

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Title

[EN] Secure Smart Health Care System and Analytics through Wireless Sensor Networks

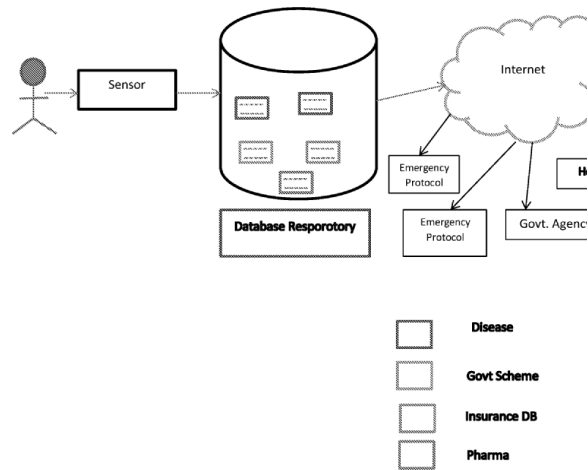


Figure 1. Frame Architecture

Abstract

[EN] Healthcare services are now becoming institutionalized through indulging multiple health services at one place. The government department look forward to capture such unorganized data which also remains prone to data misuse. The digital record of patient like personal, prescriptive, health parameter record, any diagnosis report, medication undertaken, and possibility of co-morbidity can be used effectively to store and analyze the details to ensure healthy nation. The data can be sensed periodically through sensors and are transmitted via wireless network of devices and equipments to be stored in database. The databases can be then analysed and further action can be initiated. This would help during the case of medical emergency like accident or unfortunate health mishappenings. The patient details can be retrieved with one click and new aspects are updated easily in the digdital record. The insurance provider can also be brought into the play of health coverage digitally to initiate claim and ensure financial security of patient and family. The government agencies which needs a record of every incidence can be notified through a simple click and can be assisted medically and financially with digital procedure. Remote sensing of patient during pandemic is an added advantage to use electronic sensors and devices. Figure D Disease DGovt Scheme DInsurance DB D1 Pharma Figure 1. Frame Architecture

