

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202221070351 A

(19) INDIA

(22) Date of filing of Application :06/12/2022

(43) Publication Date : 16/12/2022

(54) Title of the invention : VALIDATING HEALTHCARE TRANSACTIONS USING BLOCKCHAIN PROOF-OF-WORK, SYSTEMS, AND TECHNIQUES

(51) International classification G16H0010610000, G16H0040670000, G06Q010100000, G16H0040630000, G16H0000000000  
 (56) International Application No NA  
 Filing Date NA  
 (57) International Publication No NA  
 (61) Patent of Addition to Application Number NA  
 Filing Date NA  
 (67) Divisional to Application Number NA  
 Filing Date NA

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(57) Abstract :

[06] The Information Systems in the health area can be defined as a set of components that have interconnection where they collect, process, file and distribute information to support the entire decision-making process and help in the control of health organizations. The greatest difficulty that can be noticed is the lack of communication between a private system and other health systems. With specific security needs in mind, there is a clear focus on privacy, reliability and ease of access to information. The ability to audit records to access information in the health care system is also important for working in irregular situations. In addition to safety considerations, the cost of integrating existing solutions must be considered with the general dynamics and infrastructure requirements. With these obstacles in mind, ideological solutions can be discussed. An organization aimed at improving current health information access records has been proposed. This improvement is achieved by integrating multiple security mechanisms and blockchain protocols into a single Mobile health system. Our proposal benefits from four main areas: control of patient information, control of access to patient health information, increased location between different healthcare providers, ability to operate between different healthcare providers, and use of patient information for research purposes without being restricted to the patient. Accompanied Drawing [FIG. 1] [FIG. 2] [FIG. 3]

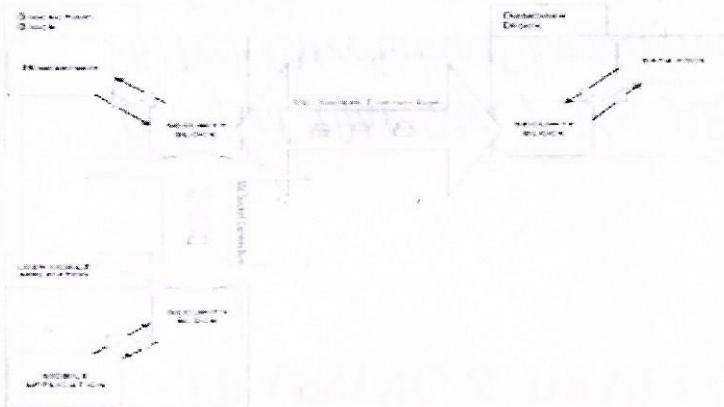


Figure 1. Design and communication scheme of BRCS.

No. of Pages : 26 No. of Claims : 4