

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202041056808 A

(19) INDIA

(22) Date of filing of Application :29/12/2020

(43) Publication Date : 01/07/2022

(54) Title of the invention : A METHOD, SYSTEM AND APPARATUS FOR GENERATING PATIENT KNOWLEDGEBASE FOR CLINICAL DECISION SUPPORT APPLICATIONS

(51) International classification	:G16H0050200000, G06N0020000000, G06F0016245700, G06N0005000000, G06Q0050220000	(71) Name of Applicant : 1)National Institute of Technology Karnatak Address of Applicant :Srinivasnagar PO, Surathkal, Mangalore - 575025, Karnataka, India. Karnataka India
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Filing Date	:01/01/1900	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

TITLE: A METHOD, SYSTEM AND APPARATUS FOR GENERATING PATIENT KNOWLEDGEBASE FOR CLINICAL DECISION SUPPORT APPLICATIONS ABSTRACT A system for generating a patient knowledgebase comprising a hospital information unit (210) dynamically providing a patient data in at least one of a structured and unstructured form, a vector data generator (220) to process the patient data into a vector representation generating a metadata, a hybrid storage unit (250) to store the patient data and the metadata together in the form of a key-value pair forming a semi-structured form to enhance readability and interpretability, wherein the vector data generator (220) converts the unstructured patient data into a vector representation while the stored data-metadata is readily available and compatible for any machine learning/predicting model that supports clinical decision making. FIG. 2A

No. of Pages : 20 No. of Claims : 6