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(31) Priority Document No	:NA	2)Dr. D. YUVARAJ
(32) Priority Date	:NA	3)Mr. SAGAR UTTAM SHINDE
(33) Name of priority country	:NA	4)Ms. P. SARASWATHI
(86) International Application No	:NA	5)Dr HIROJ BAGDE
Filing Date	:NA	6)Dr. RAGIMOVA NAZILA
(87) International Publication No	: NA	7)Dr ABDULLAYEV VUGAR
(61) Patent of Addition to Application	:NA	8)Dr. S. SUGUMARAN
Number	:NA	9)Dr. K. VIJILA RANI
Filing Date	:NA	10)Mr. SAMRAT RAY
(62) Divisional to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Mr. V. MOORTHY VELUCHAMY
		2)Dr. D. YUVARAJ
		3)Mr. SAGAR UTTAM SHINDE
		4)Ms. P. SARASWATHI
		5)Dr HIROJ BAGDE
		6)Dr. RAGIMOVA NAZILA
		7)Dr ABDULLAYEV VUGAR
		8)Dr. S. SUGUMARAN
		9)Dr. K. VIJILA RANI
		10)Mr. SAMRAT RAY

(57) Abstract :

Amidst the disruptive pandemics, the supply chain on distribution of vaccines related to covid-19 is considered timely and tedious job. Since the distribution of vaccines after background verification seems a hurdle process that hinders the smooth vaccine supply. To unravel the complexities in vaccine supply chain, it is necessary to experiment a faster vaccine supply chain with quick document verification step. To initiate this and to enable massive supply chain process, it is necessary to acquire a quick learning engine that classifies and checks the document in a faster manner. The study uses a dense deep learning model to ensure fastest document verification and supply chain.

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Inventor

Name	Address	Country	Nat
Mr. V. MOORTHY VELUCHAMY	ASSISTANT PROFESSOR, DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING, PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE, ARASANOOR, THIRUMANSOLAI POST, SIVAGANGA DIST., SIVAGANGA, TAMIL NADU - 630561.	India	Indi
Dr. D. YUVARAJ	ASSISTANT PROFESSOR, DEPARTMENT OF COMPUTER SCIENCE, CIHAN UNIVERSITY-DUHOK, KURIDSITAN REGION, IRAQ	Iraq	Iraq
Mr. SAGAR UTTAM SHINDE	ASSISTANT PROFESSOR, DEPARTMENT OF COMMERCE VAIDYANATH COLLEGE OF ARTS, SCIENCE & COMMERCE, PARLI-VAIJNATH AMBAJOGAI ROAD, PARLI VAIJNATH, DIST, BEED, MAHARASHTRA INDIA 431515	India	Indi
Ms. P. SARASWATHI	ASSISTANT PROFESSOR, DEPARTMENT OF INFORMATION TECHNOLOGY, VELAMMAL COLLEGE OF ENGINEERING AND TECHNOLOGY, RAMESHWARAM HIGH ROAD, VIRAGANUR, TAMIL NADU 625009	India	Indi
Dr HIROJ BAGDE	ASSOCIATE PROFESSOR, DEPARTMENT OF PERIODONTOLOGY, NEW HORIZON DENTAL COLLEGE AND RESEARCH INSTITUTE, SAKRI, BILASPUR, CHHATTISGARH 495001	India	Indi
Dr. RAGIMOVA NAZILA	ASSOCIATE PROFESSOR, AZERBAIJAN STATE OIL AND INDUSTRY UNIVERSITY, 16/21 AZADLIQ AVE, BAKU, AZERBAIJAN	Azerbaijan	Aze
Dr ABDULLAYEV VUGAR	ASSOCIATE PROFESSOR, AZERBAIJAN STATE OIL AND INDUSTRY UNIVERSITY, 16/21 AZADLIQ AVE, BAKU, AZERBAIJAN	Azerbaijan	Aze
Dr. S. SUGUMARAN	PROFESSOR, DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING, VISHNU INSTITUTE OF TECHNOLOGY, VISHNUPUR, KOVADA RD, KOVADA, ANDHRA PRADESH 534202	India	Indi
Dr. K. VIJILA RANI	11/112, SEVLAI, KALPADI, KALKULAM, KANNIYAKUMARI, TAMIL NADU, 629204	India	Indi
Mr. SAMRAT RAY	PHD STUDENT, THE INSTITUTE OF INDUSTRIAL MANAGEMENT, ECONOMICS AND TRADE, PETER THE GREAT SAINT PETERSBURG POLYTECHNIC UNIVERSITY, POLITEKHNIKESKAYA ULITSA, 29, ST PETERSBURG, RUSSIA, 195251	Russia	Rus

Applicant

Name	Address	Country	Nat
Mr. V. MOORTHY VELUCHAMY	ASSISTANT PROFESSOR, DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING, PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE, ARASANOOR, THIRUMANSOLAI POST, SIVAGNAGA DIST., SIVAGANGA, TAMIL NADU - 630561.	India	Indi
Dr. D. YUVARAJ	ASSISTANT PROFESSOR, DEPARTMENT OF COMPUTER SCIENCE, CIHAN UNIVERSITY-DUHOK, KURIDSITAN REGION, IRAQ	Iraq	Iraq
Mr. SAGAR UTTAM SHINDE	ASSISTANT PROFESSOR, DEPARTMENT OF COMMERCE VAIDYANATH COLLEGE OF ARTS, SCIENCE & COMMERCE, PARLI-VAIJNATH AMBAJOGAI ROAD, PARLI VAIJNATH, DIST, BEED, MAHARASHTRA INDIA 431515	India	Indi
Ms. P. SARASWATHI	ASSISTANT PROFESSOR, DEPARTMENT OF INFORMATION TECHNOLOGY, VELAMMAL COLLEGE OF ENGINEERING AND TECHNOLOGY, RAMESHWARAM HIGH ROAD, VIRAGANUR, TAMIL NADU 625009	India	Indi
Dr HIROJ BAGDE	ASSOCIATE PROFESSOR, DEPARTMENT OF PERIODONTOLOGY, NEW HORIZON DENTAL COLLEGE AND RESEARCH INSTITUTE, SAKRI, BILASPUR, CHHATTISGARH 495001	India	Indi
Dr. RAGIMOVA NAZILA	ASSOCIATE PROFESSOR, AZERBAIJAN STATE OIL AND INDUSTRY UNIVERSITY, 16/21 AZADLIQ AVE, BAKU, AZERBAIJAN	Azerbaijan	Aze
Dr ABDULLAYEV VUGAR	ASSOCIATE PROFESSOR, AZERBAIJAN STATE OIL AND INDUSTRY UNIVERSITY, 16/21 AZADLIQ AVE, BAKU, AZERBAIJAN	Azerbaijan	Aze
Dr. S. SUGUMARAN	PROFESSOR, DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING, VISHNU INSTITUTE OF TECHNOLOGY, VISHNUPUR, KOVVADA RD, KOVVADA, ANDHRA PRADESH 534202	India	Indi
Dr. K. VIJILA RANI	11/112, SEVLAI, KALPADI, KALKULAM, KANNIYAKUMARI, TAMIL NADU, 629204	India	Indi
Mr. SAMRAT RAY	PHD STUDENT, THE INSTITUTE OF INDUSTRIAL MANAGEMENT, ECONOMICS AND TRADE, PETER THE GREAT SAINT PETERSBURG POLYTECHNIC UNIVERSITY, POLITEKHNICHESKAYA ULITSA, 29, ST PETERSBURG, RUSSIA, 195251	Russia	Rus

Abstract:

Amidst the disruptive pandemics, the supply chain on distribution of vaccines related to covid-19 is considered timely and tedious job. Since the distribution of vaccines after background verification seems a hurdle process that hinders the smooth vaccine supply. To unravel the complexities in vaccine supply chain, it is necessary to experiment a vaccine supply chain with quick document verification step. To initiate this and to enable massive supply chain process, it is necessary to acquire a quick learning engine that classifies and checks the document in a faster manner. The study uses a dense deep learning model to ensure fastest document verification and supply chain.

Complete Specification**FIELD OF THE INVENTION**

The present invention relates to the field of Department of Computer science and , engineering. Amidst the disruptive pandemics, the supply chain on distribution of vaccines-related to covid-19 is considered timely and tedious job. Since the distribution of vaccines after background verification seems a hurdle process that hinders the smooth vaccine supply. To unravel the complexities in vaccine supply chain, it is necessary to experiment a faster vaccine supply chain with quick document verification step:

BACKGROUND OF THE INVENTION

[0001] Background description includes information that may be useful in understanding the present invention. It is not an admission that any of the information provided herein is prior art or relevant to the presently claimed invention, or that any publication specifically or implicitly referenced is prior art.

[0002] The arrival of vaccines at the health centres across India makes a significant milestone in pandemic era, since the rate of infection and death has affected millions. However, the administration and distribution of vaccine is treated as a major challenge in supply chain since vaccines are required to be stored in cold storage. The administration and distribution of vaccine in supply chain management aims at vaccinating millions in shorter time.

[0003] Global healthcare systems further aim at triggering fastest vaccine distribution with low cost solution using quick implementation of an automated solution. Since most of the healthcare centres reported the demand of vaccine than it was predicted.

Certain stakeholders take the help of artificial intelligence especially the use of robotic process automation to emulate the actions of human interactions with the health

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