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(71)Name of Applicant :
1)Chitkara University
 Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

2)Chitkara Innovation Incubator Foundation
 Name of Applicant : NA
 Address of Applicant : NA

(72)Name of Inventor :
1)PRABHA, Chander
 Address of Applicant :Professor, Chitkara University Institute of Engineering and Technology, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

2)VEERAMANICKAM M.R.M
 Address of Applicant :Associate Professor, Chitkara University Institute of Engineering and Technology, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

3)N. BHARATHIRAJA
 Address of Applicant :Associate Professor, Chitkara University Institute of Engineering and Technology, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

4)MITTAL, Teena
 Address of Applicant :Associate Professor, Chitkara University Institute of Engineering and Technology, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

5)KAUR, Gaganpreet
 Address of Applicant :Associate Professor, Chitkara University Institute of Engineering and Technology, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

6)KAUR, Mandeep
 Address of Applicant :Assistant Professor, Chitkara University Institute of Engineering and Technology, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

(57) Abstract :
 The present disclosure relates to a system (100) for heterogeneous data storage management with deduplication. The system (100) includes a management module (102), one or more cloud servers (106) and a data deduplication module (108) for data storage and management. The management module (102) is configured with a primary processing unit (104) to receive data from one or more computing devices, compress the data and store the compressed data in one or more cloud servers (106) using one or more primary techniques. The data deduplication module (108) is configured with a secondary processing unit (110) that determines one or more hash values for the compressed data and encrypts it with one or more hash values using one or more secondary techniques. Finally the secondary processing unit (110) creates a data set of the encrypted compressed data where the compressed data has user information identified with a particular signature.

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