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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)KUKKAR, Ashima

Address of Applicant :Department of Computer Science and Engineering, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

2)KAUR, Gagandeep

Address of Applicant :Chitkara University Institute of Engineering and Technology, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

3)TANDON, Righa

Address of Applicant :Chitkara University Institute of Engineering and Technology, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

4)KUMAR, Yugal

Address of Applicant :Department of Computer Science and Engineering, JUIT, Wagnaghat, Solan - 173234, Himachal Pradesh, India. Solan -----

5)MOHANA, Rajini

Address of Applicant :Department of Computer Science and Engineering, JUIT, Wagnaghat, Solan - 173234, Himachal Pradesh, India. Solan -----

(57) Abstract :

A system (102) for genre-based story generation and storytelling is disclosed. The system (102) receives data pertaining to various parameters influencing the growth of at least one crop in one or more cultivation lands from one or more computing devices (108) associated with a user (106). Employing a feature enhancement hybrid technique, the system (102) extracts features relevant to the crop's growth and transfers these extracted features to a crop recommendation module. Subsequently, the system (102) provides crop recommendations to the user using a factor-based learning technique. Furthermore, the system (102) offers recommendations to the user regarding the suitable fertilizer type and quantity for crop cultivation through a fertilizer recommendation module. Additionally, the system (102) provides recommendations to the user about the expected yield of the crop through a crop yield recommendation module.

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