

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202541113517 A

(19) INDIA

(22) Date of filing of Application :18/11/2025

(43) Publication Date : 05/12/2025

(54) Title of the invention : AUTOMATED NEXT-DAY TASK REMINDER SYSTEM WITH MULTI-CHANNEL INSTRUCTION CAPTURE

(51) International classification	:H04M 1/72433, F41A 15/22, G01N 1/08, H04L 51/234, A23L 31/15	(71)Name of Applicant : 1)S R University Address of Applicant :Ananthasagar, Hasanparthy (PO), Warangal - 506371, Telangana, India. Warangal Telangana India (72)Name of Inventor : 1)Dr. Sandip Bhattacharya 2)Dr. Subhajit Das 3)Dr. Abir J Mondal 4)Dr. Syed Musthak Ahmed 5)Dr. Kalyan Sundar Kola 6)Dr. Abir Chattopadhyay
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:	
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 :

AUTOMATED NEXT-DAY TASK REMINDER SYSTEM WITH MULTI-CHANNEL INSTRUCTION CAPTURE ABSTRACT This invention automates task management by capturing instructions from multiple communication channels and delivering timely next-day reminders. The invention integrates with email, messaging apps, voice notes, and collaborative tools to extract actionable tasks using natural language processing and machine learning algorithms. Captured tasks are intelligently parsed, categorized, and scheduled for delivery through the user's preferred notification channel at optimal times. The invention employs context-aware parsing to distinguish between casual mentions and actionable items, reducing false positives. Key features include priority-based sorting, recurring task detection, deadline extraction, and cross-platform synchronization. By eliminating manual task entry and ensuring critical activities aren't overlooked, this solution enhances productivity, reduces cognitive load, and improves task completion rates for busy professionals managing multiple communication streams simultaneously.

No. of Pages : 9 No. of Claims : 7