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(57) Abstract :
AN RFID-BASED AND GSM –ENABLED LIBRARY MANAGEMENT SYSTEM ABSTRACT: Libraries play a crucial role in human society. The acquisition and retention of knowledge are reliant upon their indispensability. However, the previous library system has resulted in numerous issues. This initiative aims to utilize radio waves for the purpose of identifying a substantial quantity of tagged books. The database provides information about the book's availability within the library, allowing students to search for it and, if it is accessible, retrieve it from the library. The utilization of RFID tags facilitates the efficient management of issuance, renewal, and return processes. Students will receive notifications regarding the deadline for returning books through the use of GSM technology. In the event that the student does not return the book by the designated due date, a fine will be imposed based on the duration of the delay. The RFID EAS system is employed within library settings to facilitate theft detection.

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