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(57) Abstract :

The present invention relates generally to smart storage and library automation systems. More particularly, the invention relates to an Intelligent IoT-Enabled Compact Mobile Library Shelving System integrating Radio Frequency Identification (RFID), Internet of Things (IoT), Artificial Intelligence (AI), cloud computing, occupancy sensing, environmental monitoring, inventory management, dynamic user guidance, and automated safety mechanisms for intelligent management of library collections and archival resources.

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