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(57) Abstract :
Furthermore, biodiversity is losing faster than it has ever done throughout human history. Solid waste management has long been a serious environmental concern, with implications for the health and ecology of our society. Traditional ways of manually monitoring and regulating waste are included in this category. Because many communities are still unaware of hazardous wastes produced by large-scale industries, such as unused acids, etchants, and other sludge, our strategy will contribute to city cleaning. Users will no longer need to manually check all of the systems since they will be alerted when the bin is full. Furthermore, the administration has launched a number of sanitation-related programmes.We'll try to create a system that alerts businesses when garbage needs to be emptied. While there are several commercially accessible alternatives, they are considered to be expensive and high-end, and their influence is uncertain. In contrast, our approach offers an innovative and cost-effective method of keeping cities clean and healthy.

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(57) Abstract :
ABSTRACT: • Ortho relative problems like bone fracture incidence is life-threatening and has an impact on the person's physical functionality and their ability toHive'independently. Proper rehabilitation with a set program can play a significant role in recovering the person's physical mobility, boosting their quality of life, reducing adverse clinical outcomes, and shortening hospital stays. The Internet of Things (loT), with advancements in digital health, could be leveraged to enhance the backup intelligence used in the rehabilitation process and provide transparent coordination and information about movement during activities among relevant parties.The wearable activity tracker wirelessly reports the subject's movement acceleration computed data to a local loT gateway/edge device through an nRF module that uses its own enhanced ShockBurst communication protocol. The gateway (for example wi-fi module, workstation, or smart mobile devices) may handle one or more wearable sensors involved with one or more sensing types. These could be multiple wireless wearable devices used by one user or may deal with multiple users.

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