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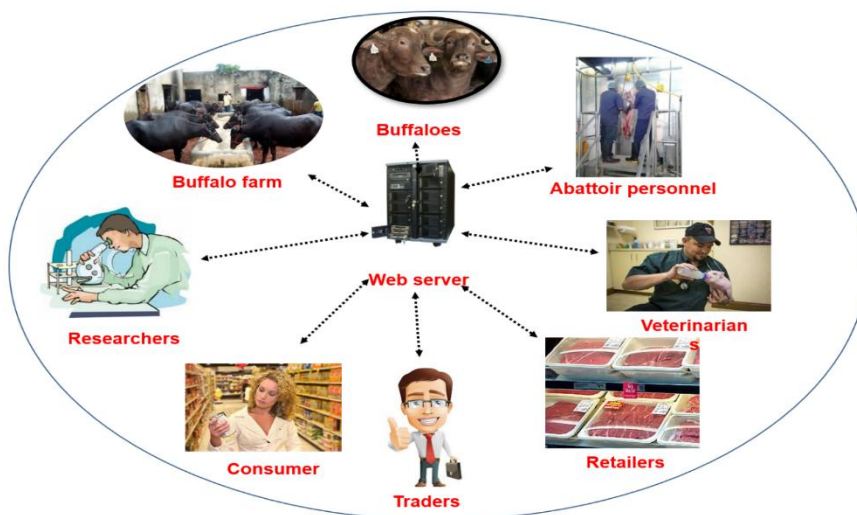
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Methodology for Meat Traceability

Inventors/Developers: Dr. Girish Patil. S., Dr C. Ramakrishna and Dr S. B. Barbuddhe

Brief description about the technology: Livestock traceability is the ability to, and the mechanism designed for tracing of an animal product along all steps in the production chain back to the holding of origin of the live animal from which the product was derived. The emergence of traceability concept is the consequence of a long line of developments in improving food quality and safety management. In recent times, it has emerged as a new index of quality and basis for trade. Identification of animals, registration of premises like farms and abattoirs, database for uploading of traceability information and provision for retrieval of information as and when required are the important requirements for meat traceability. Steps in the developed protocol involve method for identification of livestock, a system for storing of information, method for recording the traceability data during slaughter and protocol for labelling of meat for achieving the traceability. A copyrighted web-based database was developed for achieving farm-to-fork traceability. Further a block chain-based database was developed in collaboration with M/s Chainflux Pvt Ltd. The database was linked with Information Network for Animal Productivity and Health (INAPH) for getting the live animal information from the field.



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