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(57) Abstract :

A smart food storage system and method for tracking states of stored food is disclosed. The disclosed system and method are based on a container to store one or more food items; one or more sensors configured with the container to detect or scan the stored food items to extract one or more attributes data associated with food information of the food items; processors coupled with a memory, the memory comprising a set of instructions embodied in the memory that is executable by the processors to compare the extracted one or more attributes data with a predefined stored data in a database to determine states comprising any or a combination of fresh, semi-spoiled, spoiled, and expired status of the food items; and a display unit operatively coupled with the processors to display the determined states of the stored food items.

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