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(57) Abstract :

Disclosed herein is a smart farming management system and method thereof (100) a plurality of environmental sensors (102), configured to continuously detect one or more parameters in real time, a communication network (104), operatively connected to the plurality of environmental sensors (102), and configured to transmit real-time environmental data to a processing unit (106), a processing unit (106), operatively connected to the communication network (104), an actuator unit (108), operatively connected to the processing unit (106), a cloud server (110), operatively connected to the processing unit (106), via the communication network (104), a user device (112), operatively connected to the cloud server (110), via the communication network (104), a user interface (114), within the user device (112), configured to receive user-defined inputs, display visual indicators of system activity, and allow configuration of operational parameters, a power supply unit (116), operatively connected to the processing unit (106).

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