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(57) Abstract :

The present disclosure pertains to a monitoring and alerting system for water source. The system enables in monitoring water in water tank, where the system includes a first set of sensors, and a second set of sensors to sense one or more water parameters, an image acquisition unit to capture images of water tank, a display unit, and a controller. The sensed one or more parameters and images are transmitted to the control unit, and the control unit extracts and analyzes received parameters and images, and correspondingly generate set of warning signals which are transmitted to a display unit and one or more mobile computing devices through a communication module. The system facilitates in determining switching on time for geyser or similar heating element as per sensed temperature by the second set of sensors.

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